

62

1932

1963

1963 Wholesale Prices

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Flower — AND

Vegetable Seeds

U. S. DEPARTMENT OF AGRICULTURE

for Florists and Nurserymen



THUMBELINA

All-America Gold Medal Dwarf Zinnia

ANNUALS

Pages 6 - 58

PERENNIALS

Pages 59 - 69

VEGETABLES

Pages 69 - 76

Germania Seed Company

6952 NORTH CALIFORNIA AVENUE

CHICAGO 45, ILLINOIS



"COLOR PARADE" Sakata's F₁ Hybrid Grandiflora Petunia.

100% large flowering plants in definite formula color blend. Mixture contains 30% scarlet, 10% scarlet and white, 15% blue, 7% salmon, 10% pink, 10% rose, 10% white, 5% purple and 3% lavender. All the best out of separate strains, growing habit and vigor of plants are all carefully considered. The finest mixture of large flowering hybrid Petunias available anywhere.

½ Tr. Pkt.....	\$1.00	Tr. Pkt.....	\$1.75	1/128 oz.....	\$3.00	1/64 oz.....	\$5.50
1/32 oz.....	\$10.00	1/16 oz.....	\$18.75	½ oz.....	\$36.00	¼ oz.....	\$70.00

SPRING 1963 — Business Terms

Cash or C.O.D. Discounts: 5% on orders up to \$25.00; 8% up to \$100.00; 10% up to \$150.00; 12% up to \$200.00; 15% on orders over \$200.00.

Charge Orders: 3% on orders up to \$25.00; 6% up to \$100.00; 8% up to \$150.00; 10% on orders up to \$200.00; 13% on orders over \$200.00.

Deduct an additional 2% if invoice is paid within 10 days of date.

No Cash Discounts on Plants and other Supplies.

Terms of Payment. Invoices are due and payable 30 days after invoice date.

Orders From New Customers. If merchandise is needed at once, cash remittance should accompany order, otherwise bank and trade references should be furnished. Orders should be signed with some **individual's name**.

Postage. We pay postage and insurance on all orders for seeds, knives, Pano-Drench and Vibra-Seeders to U.S., its possessions, Canada, Mexico, etc.

Shortages. All items are offered subject to crop failures or shortages.

Disclaimer—GERMANIA SEED CO., gives no warranty, express or implied as to description, quality, productiveness or any other matter of any seeds or plants it sells and will not be in any way responsible for the crop. Our liability in all instances is limited to the purchase price of the seeds or plants.

To our many friends — our sincere thanks for your patronage — and our pledge to continue to serve you to the best of our ability with the world's finest quality Flower Seeds produced by the most experienced growers.

With best wishes for a prosperous 1963.

Germania Seed Co.

August Wassmann, Owner

Colorful New Flowers for 1963

ZINNIA "THUMBELINA". All-America Gold Medal Winner for 1963 (illustrated on front cover).

A spectacular, early blooming little Zinnia, the compact, super dwarf plants only 6 in. high are covered with double and semi-double 1¼ inch flowers throughout the season. A colorful mixture of orange, scarlet, pink, yellow and white. The tiny plants begin to flower in flats or pots about 60 days after transplanting when they are less than 4 inches high. Seed is small, approx. 6000 seeds per ounce.

1/32 oz.....**75c** 1/16 oz.....**\$1.35** ⅛ oz.....**\$2.50** ¼ oz.....**\$4.50** 1 oz.....**\$15.00** 4 oz.....**\$45.00**

ZINNIA "FIRECRACKER". All-America Silver Medal Winner for 1963. The first of an excellent new race of F₁ Hybrid Zinnias. Vigorous 30 in. plants have resistance to mildew and freely produce the largest cactus type flowers ever seen in brilliant scarlet red. Has everything to make it a top seller, truly one of the best large flowered Zinnia. 3000 seeds per ounce.

1/32 oz.....**\$1.00** 1/16 oz.....**\$2.00** ⅛ oz.....**\$3.75** ¼ oz.....**\$6.75** 1 oz.....**\$21.00**

ZINNIA "OLD MEXICO". All-America Silver Medal Winner for 1962. A Haageana type, has an average plant height of 12-15 inches with flowers averaging 2½ inches across. The base color of the flower is a deep mahogany red overlaid with varying shades of golden yellow from light to dark shades. Plants are of a dense rounded bushy habit and are very tolerant to high temperatures and powdery mildew, ideal for cut flower use.

1/32 oz.....**45c** 1/16 oz.....**85c** ¼ oz.....**\$2.70** 1 oz.....**\$8.00** 4 oz.....**\$26.65**

LOBELIA "BLUE TANGO". Heavenly or Sky Blue flowers which are much larger than those of the standard varieties. A new type of Lobelia combining a compact, upright habit with light green foliage.

1/64 oz.....**70c** 1/32 oz.....**\$1.20** 1/16 oz.....**\$2.00** ⅛ oz.....**\$3.50** ¼ oz.....**\$6.50**

MARIGOLD "BRITTANY". A new quilled petal variety in the **Extra Dwarf French Double** group. Flowers are deep mahogany red with a golden yellow tip. Blooms very early in the season and retains its neat compact habit throughout the summer. A very desirable edging variety.

⅞ oz.....**40c** ¼ oz.....**75c** 1 oz.....**\$2.50** 4 oz.....**\$7.50**

SNAPDRAGON "TORCH". This new F₁ Hybrid tall early garden variety is noted for its striking color. Fiery spectrum red flowers about the color of Comanche Petunia on long red-hot poker-like spikes. Comes into bloom with the Vacationland series. The snappiest of all snaps and a "must" for every bedding plant grower.

Tr. Pkt. (500 s.).....**\$1.75** 1/128 oz.....**\$3.00** 1/64 oz.....**\$5.50** 1/32 oz.....**\$10.00** 1/16 oz.....**\$19.25**

Other Outstanding New Varieties

— Listed alphabetically under their respective headings —

AGERATUM "Capri".

ASTER "Dwarf Color Carpet".

BEGONIA "White Comet and Aristo Mixture".

BELLIS PERENNIS (Double English Daisy) "**Pomponette**", small button type.

BUPHTHALMUM-salicifolium "**SUNWHEEL**". Very hardy perennial.

CALCEOLARIA F₁ Hybrid "**Glorious Mixture**", a medium-sized Grandiflora.

DIANTHUS "Baby Doll".

MARIGOLDS "Primrose Climax" "Alaska" "Hawaii" "Mary Ellen".

PANSY "Giant Forrunner", very early flowering.

PETUNIAS F₁ Hybrid Grandifloras: **Fandango**, **Gypsy Parade**, **Prix**, **Scarlet Flame**, **Snow Magic**, **Sun Gleam**, **CASCADE PETUNIAS**, an entirely new class, largest flowering group.

PETUNIAS F₁ Hybrid Multifloras: **Blue Sky**, **Starmaster** and **Star Thrrophy**.

SNAPDRAGONS "Double Super Jet" F₁ Hybrid "Sprite".

RANUNCULUS All Double "**Corona**", perennial.

SALVIA Dwarf "**Purple Blaze**".

ZINNIAS "Grand Canyon and Apache Snowflakes".

3 Outstanding New Vegetable Varieties

HYBRID CABBAGE "Emerald Cross" (All-America Bronze Medal Winner)

HYBRID LETTUCE "Buttercrunch" (All-America Silver Medal Winner)

HYBRID SQUASH "Greyzini" (All-America Bronze Medal Winner)

PLASTIC BEDDING PLANT TAGS IN COLOR

Size 1 7/8 x 6 3/4", pointed ends like the sample enclosed. A modern, colorful and convenient method of plant identification.

On all seed orders for **\$25.00 and over** we will furnish **one tag free** of those items on the order of which tags are available.

Prices are: Mixed tags — different varieties — less than a full box —

1 to 49 tags.....**3 1/2c** each 50 to 99 tags.....**3c** each 100 and more.....**2 1/2c** each.

Full boxes which contain 100 tags of one variety:

1 to 10 boxes.....**\$2.20** per box 11 to 49 boxes.....**\$2.00** per box
50 to 199 boxes.....**\$1.85** per box 200 and more.....**\$1.75** per box

VARIETIES AVAILABLE

AGERATUM—Blue

ALYSSUM—Carpet of Snow
Rosie O'Day
Royal Carpet

ASTER—Crego W.R. Mixed
Giants of California

BASIL—Dark Opal

CALENDULA—Mixed
Orange
Yellow

CARNATION—Mixed

COLEUS—Rainbow Mixed

DAHLIA—Unwins Dwarf

DELPHINIUM—Pacific
Giants Mixed

DIANTHUS—Bravo

IMPATIENS—Dwarf

LOBELIA—Crystal Palace

MARIGOLD—African
Giants Mixed
Crackerjack
Cupid
Dwarf Orange
Dwarf Spry
Dwarf Bright Yellow
Dwarf Lemon Yellow
Petite Mixed
Spun Gold

PANSY—Jumbo Mixed
Roggli Giants
Swiss Giants

PETUNIA—
All Double Mixed
All Double Lyric
All Double Sonata
Double Cherry Tart

PETUNIA F₁ Grandiflora

Ballerina
Blue Lace
Blue Lustre
Blue Magic
Calypso
Cavalier
Chiffon
Crusader
Fire Dance
La Paloma
Maytime
Pink Cascade
Pink Magic
Prima Donna Improved
Red Cascade
Sabre Dance
Tango
White Cascade
White Magic

PETUNIA F₁ Multiflora

Comanche
Comet
Coral Satin
Glitters
Neptune
Paleface
Pink Satin
Pink Velvet
Polaris
Red Satin
Satellite
Sugar Plum
Venus
White Satin
White Velvet

PETUNIA—Dwarf Giants
of California Mixed
Bingo
Carnival Mixed
Nana Compacta Mixed

PHLOX—Dwarf Mixed
Globe Mixed
Twinkle Mixed

POPPY—Island Mixed

PORTULACCA—Double
Mixed

SALVIA—Dwarf (Red)
Tall (Red)

SNAPDRAGON—Rocket
Mixed
Tetra Mixed

STOCK—Giant Imperial
Hi-Double Mixed

SWEET WILLIAM—Mixed

VERBENA—Mixed

VINCA (Periwinkle)
Mixed

ZINNIA—California
Giants Mixed
Dahlia Flowered
Mixed
Giant Hybrid Mixed
Old Mexico
Lilliput (Pompon)
double mixed
Thumbelina
Tom Thumb Mixed

CABBAGE—Copenhagen
type

TOMATO

GREEN PEPPER

NATURAL COLOR CARDS — 5 1/2x8 inches

Available in the following varieties at **8c** each

Petunia All-Double — Allegro, Caprice, Lyric, Nocturne, Presto, Rhapsody, Sonata, Glorious Mixture, Cardinal, Cherry Tart, Honey Bunch.

Petunia Grandiflora and Multiflora Hybrids — Ballerina, Blue Lace, Blue Magic, Calypso, Cherokee, Comanche, Comet, Crusader, Fandango, Fire Dance, Inca, La Paloma, Lavender Lace, Linda, Maestro, Maytime, Mercury, Neptune, Paleface, Pink Cascade, Pink Magic, Polaris, Prima Donna Improved, Red Cascade, Sabre Dance, Satellite, Sioux, Snow Magic, Sugar Plum, Tango, Toreador, Venus.

Snapdragon F₁ Hybrid "Rocket".

A large **Color Poster** showing the **World's Finest Petunias and Snapdragons** will be sent **free**.

NATURAL COLOR CARDS — 4 $\frac{5}{8}$ x 5 $\frac{5}{8}$ inches

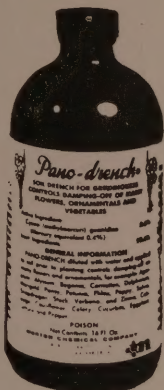
Mylar laminated — Following varieties available at 10c each.

Petunia Grandiflora and Multiflora Hybrids — Lustre and Satin Series — Blue Lustre, Rose Lustre, Scarlet Lustre, Salmon Lustre, Coral Satin, Dawn Satin, Red Satin, Pink Satin, Peach Satin, White Satin, Plum Dandy.

Zinnia—Thumbelina. **Snapdragon**—Sprite Mixture.

Protect seedlings from damping-off! *Pano-drench*

Discover how many seeds there really are in a packet . . . then make sure all the seedlings reach transplanting age—by using Pano-drench. Pano-drench prevents and controls damping-off, the disease that permits plants to grow to two-inch height, then kills them overnight. One teaspoon, diluted in 6 quarts of water treats three large flats. Applied like plant food, Pano-drench protection lasts for weeks. Apply either before or after planting. Use also as root dip when transplanting.



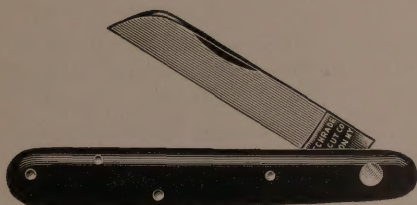
Pano-Drench prices are NET — PREPAID

1—OUNCE BOTTLE	\$ 2.05
4—OUNCE BOTTLE	\$ 6.10
16—OUNCE BOTTLE	\$19.50

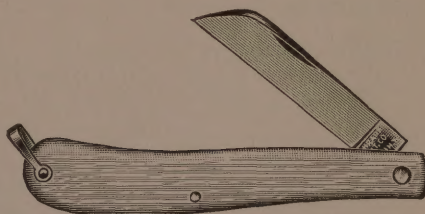


VIBRA-SEEDER

A battery operated flower and vegetable seeder. No parts to change, takes all sizes and shapes of seeds with the same easy vibrating action, which assures an even flow of seed and ultimately an even stand of seedlings. Flash-light batteries not included. **Price: \$3.25 net, prepaid.**



FLORISTS' KNIVES



4 in. Grafting Blade—Black Plastic Handle.

Each.....	\$2.00	4 for	\$7.50
8 for	\$14.00	Doz.....	\$19.80

3 $\frac{7}{8}$ in. Grafting Blade—Grained Ivory Plastic Handle, silver nickel schackle for chain attach.

Each.....	\$2.00	4 for	\$7.50
8 for	\$14.00	Doz.....	\$19.80



4 $\frac{1}{2}$ in. Blade for Budding, 4 in. Beech Wood Handle. Imported.

Each	\$3.75	3 for.....	\$10.25	6 for.....	\$18.75
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Exotic and Foliage Plants from Seed

Delivery time of these seeds varies but you may be assured that we are always doing our utmost to mail you the quantities required immediately after receipt of new crop. Seeds come to us by airmail from abroad and will be forwarded to you by **Airmail Prepaid**. It certainly is in your own interest to send us your orders as soon as possible. **Seed of the following items must be booked at least a month, preferably two months ahead of time of delivery.** *ARALIA elegantissima*, *ARAUCARIA excelsa*, *CLIVIA*, *COFFEA arabica*, *NEANTHA BELLA*, *PHILODENDRON pertusum* and *SYNGONIUM podophyllum*.

ALOE variegata (Tiger Aloe). Most popular variety. 65-70° for germination. 2 in. pot plants can be produced in less than a year. 100 seeds....**\$1.50** 500 seeds....**\$7.00** 1000 seeds....**\$12.00**

ARALIA—Sieboldi and Moseri (*Fatsia japonica*). The foliage of Moseri is a darker green. Fresh seed available March/April.

Each: 100 seeds.....**40c** 500 seeds.....**\$1.75** 1000 seeds.....**\$3.25** 5000 seeds.....**\$14.00**

ARALIA elegantissima. Particularly graceful, narrow-leaved *Aralia*. Fresh seed available in February must be sown immediately into pervious soil, germinates within 2-4 weeks at 75°. 100 seeds.....**\$4.50** 250 seeds.....**\$11.00** 500 seeds.....**\$21.50**

ARAUCARIA excelsa (Norfolk Island Pine). Approx. 800 seeds per lb. New crop available later part of July, August and September, must be planted at once by placing the seeds on the surface and to keep the seeds moist a burlap bag or wood shavings should be placed over the seeds. ¼ lb.....**\$5.50** ½ lb.....**\$10.00** 1 lb.....**\$17.00**

ASPARAGUS falcatus. Narrow, sickle-shaped deep green foliage with wavy margin. Young plants resemble a *Pteris* fern. Attractive for hanging baskets and pot work. Taller plants fine for cutting. Earlier germination of *Asparagus* seeds is obtained by soaking the seed in warm water for 48 hours. 100 seeds.....**\$1.00** 250 seeds.....**\$3.00** 1000 seeds.....**\$9.00**
Asparagus Sprengeri and *Plumosus* see page 8.

BEGONIA "REX". See page 13.

CACTUS SEEDS. See page 13.

CLIVIA robusta compacta. Special strain with large, *Amaryllis* type leaves and long stems with sprays of Lily-like, deep orange flowers. With relevant care a long-lived pot-and house plant. Takes about 3 years to produce large, flowering plants. The fresh, fleshy seed must be sown immediately upon arrival in pervious, sandy soil at rather high temperature. Germinates within 2-4 weeks. Fresh seed available February/March. 10 seeds.....**\$2.00** 100 seeds.....**\$18.00**

COFFEA arabica. Coffee tree. Rapidly growing green plant with shining green leaves similar to *Cissus antarctica*. Seed germinates in 2-3 weeks at 75° bottom heat. Delivery in cherry-like drupes containing 2 seeds each to conserve germinating capacity — only upon advance orders from fresh crop for immediate sowing. 30 fruits (60 seeds).....**\$1.00** 100 fruits.....**\$3.00** 500 fruits.....**\$13.50**

CROSSANDRA. See page 19.

CYPERUS alternifolius (Umbrella Plant). 200,000 s. per oz. Ribbed stalks bearing a large crown of grass-like leaves. A splendid plant for the shallow water at the edge of the pond or for the large aquarium. 1/16 oz.....**40c** ½ oz.....**70c** ¼ oz.....**\$1.25**

FERNS. Use a screened mixture of garden loam and humus (rotted leaf-mold, peat) with sand added. Expose the little soil you need for a few pans or bulb-dishes underneath the grate or a clean bed of hot coals in your boiler for 15 minutes or so to kill the weeds. Thoroughly soak the filled pans, dust the spores on the surface and cover the pans with glass to keep from direct sunlight. No watering from above during the first 3 weeks of cultivation i.e. before germination. Afterwards slight watering to promote the germination.

ADIANTUM (Maidenhair Fern)—**Ocean Spray "FRITZ LUETHI"**. Extremely strong and thick-leaved branches of a rich green, much sturdier than any *Adiantum* hitherto grown. Young plants make the best showing, combining particularly well with other plants in basket or pot arrangements. Better results with a shorter growing period. Originator's Trade packets.....**\$1.75**

PTERIS argyrea. (The Silver Fern). Very attractive dish garden variety and easy to grow. Sowing directions with each package. Trade packet.....**\$1.75**

GREENHOUSE BLEND. Rare and beautiful species for pot culture. Trade packet.....**75c**

HARDY BLEND. Wide range of desirable winter-hardy species. Trade packet.....**75c**

GREVILLEA robusta (Australian Silk Oak.) See page 23.

JACARANDA mimosæfolia. See page 25.

MIMOSA pudica (Sensitive Plants). See page 29.

MUSA ensete (Ornamental Banana). The most beautiful of all banana trees, developing a large, ornamental plant with giant leaves when cultivated at the open air with enough nutrition and humidity. Hard-shelled seed to be scratched or soaked for 24 hours before sowing.
 10 seeds.....**75c** 50 seeds.....**\$3.50** 100 seeds.....**\$7.00** 250 seeds.....**\$15.00**

NEANTHA BELLA (*Chamaedorea elegans*). A miniature Palm from South America. Excellent and durable house plant, easy cultivation, grows more rapidly than Kentia.
 1 oz., (approx. 200 seeds).....**\$1.50** 4 oz., (approx. 800 seeds).....**\$5.00**

NEPHTHYTIS—Emerald Gem. An inexpensive pot plant, a green form of this very popular and tough dish garden item. Fresh seed available late January to March.
 250 seeds.....**\$5.00** 500 seeds.....**\$9.00** 1000 seeds.....**\$16.00**

OLIVERANTHUS Regale (*Echeveria Elegans* Berger). An exceptionally good summer flowering pot plant. The largest flowering *Echeveria* out of whose elongated rosettes develop many flower stalks garnished with 1¼" flower bells of a vivid orange-red on the outside, the inside a delicate pastel yellow. Grown like other *Echeverias*. Trade packet.....**\$2.25**

PEPEROMIA Maculosa. A native of Santa Domingo. Fleshy, narrow-lanceolate leaves, the base cordate, shining dark green with strong, light green, decorative veins. An excellent house plant. Very easy to grow from seed, excellent germination at 70-75°, do not cover the very fine seed with soil, later on warm humidity, but abundant airing. Handle this variety the same as other *Peperomias*, 65° night temperature, any good garden soil, adding ½ peat moss helps, shade from direct sun. 250 seeds....**\$1.50** 500 seeds....**\$2.75** 1000 seeds....**\$5.00**

PHILODENDRON Selloum. No climbing, no stem. In juvenile stage, foliage similar to *Calla*, developing into large, deeply lobed and most decorative leaves. Cover seeds slightly, excellent germination within 2 weeks at 70-75°.
 100 seeds.....**\$1.25** 250 seeds.....**\$2.50** 1000 seeds.....**\$8.50** 5000 seeds.....**\$33.00**

PHILODENDRON Pertusum (*Monstera deliciosa*). Particularly popular *Philodendron*. Fresh seed, available from December to March should be sown immediately upon arrival into peaty soil, excellent germination within 2 weeks at 70-75°. The first leaves are not yet cut and perforated, but will be after about 7 to 9 months from sowing. Compact and dense growing. Seed is harvested from selected mother plants. 25 seeds.....**\$3.00** 50 seeds.....**\$5.00**
 100 seeds.....**\$8.50** 250 seeds.....**\$18.50** 500 seeds.....**\$35.00**

PITTOSPORUM Undulatum (Victorian-box). A sturdy shrub with oval-oblong deep green undulated, coracious and shining leaves, to 6 in. long, crowded on the branchlets. Young plants are very effectful foliage plants for the cool-house and hardy indoor pot plants. Can be grown outdoors in summer. Older specimens grown in half leaf-mold and half nutritive lawn soil make a real show both with their foliage and with their white, fragrant flowers which appear in terminal clusters. Fine for planting near summerhouses or dining porches, will stand 40°F. during winter. Grows to a tree, 40 ft. in height in southern California, often planted as an avenue tree and highly prized for its very fragrant flowers.
 500 seeds.....**\$1.25** 1000 seeds.....**\$2.00** 10,000 seeds.....**\$17.50**

PLUMBAGO Capensis. See page 42.

SCHEFFLERA Actinophylla. See page 44.

SYNGONIUM Podophyllum. (*Philodendron sagittifolium*). Decorative climbing plant with arrow-shaped leaves, same characteristics as *Philodendron*. Excellent germination of fresh seed sown immediately upon arrival in pure peat within 2 weeks at 70-75°. Seedlings to be potted directly into nourishing, light coarse soil, needing warm humidity during cultivation. New crop seed available from December to March upon advance orders.
 25 seeds....**\$2.00** 50 seeds....**\$3.50** 100 seeds....**\$6.50** 250 seeds....**\$14.50** 500 seeds....**\$25.00**

ORNAMENTALS

BASIL—Dark Opal. See page 10.

CABBAGE—Flowering. See page 13.

CHRISTMAS CHERRY (*Solanum*). See page 16.

CHRISTMAS PEPPER (*Capsicum*). See page 16.

CORN. See page 19.

BABY ROSES — From Seed

Polyantha. Single and fully double tiny roses in varied and interesting colorings, largely white, pink and rose and more-or-less everblooming. In flower 3 months from sowing. For pots or window boxes, they bloom year after year with a minimum of attention.

100 seeds.....**75c** 250 seeds.....**\$1.75** 500 seeds.....**\$3.25** 1000 seeds.....**\$6.00**

GOURDS. See page 23.

GRASSES. See page 23.

KALE—Flowering. See page 26.

LOVE APPLE. See page 26.

- Annual Flower Seeds -

Of the most important items listed we have indicated the number of seeds per ounce to better enable you to figure the amount of seed you'll need for your planting requirements. Keep in mind that you cannot expect every seed to germinate f.i. most large seeds germinate from 60 to 80 percent under normal germinating conditions, sometimes a higher percentage is obtained, which means that a little more seed is required to obtain the number of plants desired.

ABUTILON (Flowering Maple)

Hybridum Maximum Mixed. 7000 S. Huge flowers in attractive shades. Leaves very ornamental and often variegated.

1/32 oz.....50c 1/16 oz.....90c 1/8 oz.....\$1.50 1/4 oz.....\$2.50 1 oz.....\$8.50

ACHIMENES

Mixed colors. A nice spring and summer pot plant with brilliantly colored, trumpet-like flowers in velvety tones of red, violet and white. Culture like Gloxinias. 1000 seeds.....\$1.50

ACROCLINIUM

New Double Giants. 8500 S. Extra large, brightly colored Strawflowers for cutting in shades of rose, pink and white. For winter bouquets cut when buds begin to open.

1/8 oz.....30c 1/4 oz.....50c 1 oz.....\$1.70

AGATHAEA (Blue Daisy)

Coelestis. 27,000 S. Pretty pale blue daisy-like flowers for cutting, 30 in. Seed germinates slowly and should be exposed to freezing temperatures for best results.

1/16 oz.....30c 1/4 oz.....90c 1 oz.....\$3.00

AGERATUM

200,000 seeds per oz. Sow seed early to have good sized plants for spring. Ageratums from seed will vary some in habit.

Blue Ball Improved. 5 in. Compact plants, large flowered, medium blue.

1/16 oz.....35c 1/8 oz.....65c 1/4 oz.....\$1.25 1 oz.....\$4.00

Blue Carpet (Blue Bedder Imp.). 5 in. Medium large, bright blue flowers on very uniform compact plants. 1/16 oz.....40c 1/8 oz.....75c 1/4 oz.....\$1.45 1 oz.....\$5.00

Blue Cap. 6-8 in. Small, bright orchid-blue flowers on dwarf, compact plants. Very uniform in habit. 1/16 oz.....35c 1/8 oz.....60c 1/4 oz.....\$1.00 1 oz.....\$3.60

Blue Lake. 8 in. Attractive deep blue, large flowers, good dwarf uniform in habit.

1/16 oz.....50c 1/8 oz.....90c 1/4 oz.....\$1.50 1 oz.....\$5.75

Blue Mink (Tetraploid). Large, powder-blue flowers are freely produced on 12 in. plants which are much more uniform than other varieties from seed. An ideal Ageratum for pots as well as for edging. 1/16 oz.....50c 1/8 oz.....90c 1/4 oz.....\$1.60 1 oz.....\$5.75

Capri. 5 in. (Originator's seed). Lavender blue flowers are freely produced on perfect round bushy plants. A variety very much in demand in Europe.

1/16 oz.....40c 1/8 oz.....75c 1/4 oz.....\$1.40 1 oz.....\$5.00

Fairy Pink. Delightful soft salmon-rose flowers on dwarf, bushy plants.

1/16 oz.....45c 1/8 oz.....85c 1/4 oz.....\$1.60 1 oz.....\$5.75

Imperial Dwarf White. 6-8 in. Silvery white flowers.

1/16 oz.....30c 1/8 oz.....55c 1/4 oz.....\$1.00 1 oz.....\$3.50

Midget Blue. 6 in. Low and compact plants with dense clusters of clear blue flowers, small-leaved.

1/16 oz.....50c 1/8 oz.....90c 1/4 oz.....\$1.60 1 oz.....\$5.75

Golden Ageratum (Lonas Inodora). 12 in. Clusters of rich yellow, fluffy flowers.

1/32 oz.....40c 1/16 oz.....75c 1/8 oz.....\$1.40 1/4 oz.....\$2.75

Tall "Cut Wonder". The best Ageratum for cutting, 20-24 inches high, medium blue, strong stalks.

Bronze Medal Winner in Stuttgart, Germany 1961.

1/16 oz.....50c 1/8 oz.....90c 1/4 oz.....\$1.60 1 oz.....\$6.00

ALOE Variegata (Tiger Aloe). See page 4.

ALYSSUM

(79,000 S. per oz.)

Rosie O'Day. (All-America Silver Medal 1961). Has a dwarf compact habit with a plant measuring 3-4 in. high and 10 in. in diameter. Coming into bloom early, the flowers remain a deep rose-pink throughout the entire blooming season. (Originator's Seed).

1/32 oz.....40c 1/16 oz.....75c 1/8 oz.....\$1.30 1/4 oz.....\$2.50 1 oz.....\$7.50 4 oz.....\$25.00

ALYSSUM—(Continued)

Carpet of Snow. (Snowcloth). The most popular variety. A very dense, flat mass of white flowers on spreading uniformly compact plants, 3 to 4 inches high by 8 to 10 inches across.

1/8 oz.....20c 1/4 oz.....35c 1 oz.....\$1.00 4 oz.....\$3.25 1 lb.....\$10.00

Little Gem. 5 in. Rounded heads of white flowers; does not spread.

1/8 oz.....20c 1/4 oz.....35c 1 oz.....\$1.00 4 oz.....\$3.25 1 lb.....\$10.00

Pink Heather. 6 in. Lavender-pink flowers on dwarf, compact plants. Color becomes a deeper pink with cool weather. 1/32 oz.....25c 1/16 oz.....40c 1/8 oz.....75c 1/4 oz.....\$1.35 1 oz.....\$4.75

Royal Carpet. Excellent companion to Carpet of Snow. Violet-purple flowers on compact, spreading plants, 3 to 4 inches high and 8-10 inches across.

1/16 oz.....30c 1/8 oz.....50c 1/4 oz.....90c 1 oz.....\$2.40 4 oz.....\$7.00

Violet King Improved. 4 in. Deeper in color and more compact than Violet Queen, a rich, violet-purple. 1/16 oz.....30c 1/8 oz.....60c 1/4 oz.....\$1.00 1 oz.....\$3.00

Violet Queen. 5 in. Bright violet flowers borne on dwarf plants.

1/16 oz.....20c 1/8 oz.....30c 1/4 oz.....45c 1 oz.....\$1.40 4 oz.....\$4.20

AMARANTHUS

30,000 S. of easiest culture; heat resistant; planted mainly for colorful foliage.

	Tr. Pkt.	1/4 oz.	1 oz.
Aurora. Dark green, yellow and red foliage with brilliant carmine head.....	\$0.25	\$0.45	\$1.50
Multicolor Brilliant. "Summer Poinsettia".....	.25	.45	1.50
Molten Fire. 4 ft. Maroon foliage, each branch topped with a flaming radiation of red Poinsettia-like floral leaves.....	.25	.45	1.50
Tricolor Splendens (Joseph's Coat). 3 ft. Yellow, red and green foliage.....	.25	.45	1.50
Oeschberg. 4 ft. Full-feathered 20-in. plume with reddish-green foliage.....	.25	.75	2.50
Crimson Pygmy. 10 in. Fine for combinations, beds and borders.....	.20	.40	1.40

ANCHUSA

Blue Bird. 10,000 S. A fine annual with upright branching stems bearing clusters of deep marine blue flowers with white centers. Stems should be cut back when first blooms begin to fade, this assures a blooming period from early summer until late fall. Fine for beds or borders. Easy to grow. Seed germinates in about 15 days. 20 in.....

.25 .50 1.70

ARALIA. See page 4.

ARCTOTIS

Large Flowering Hybrids. 3700 S. Interesting bright gay colors feature this new selection. Large flowers, 2 1/2 to 3 in. across on slightly dwarf plants, 1 ft. high. Blooms resemble those of Gerbera.

1/16 oz.....50c 1/4 oz.....\$1.50 1 oz.....\$4.50

Grandis. 9000 S. African Lilac Daisy. 2 ft. Silvery white and lilac.

1/16 oz.....30c 1/8 oz.....55c 1/4 oz.....\$1.00 1 oz.....\$3.50

ASPARAGUS

New crop is available end of February or early March.

Plumosus

Sprengerii

100 seeds....30c 250 seeds....65c 1000 seeds....\$2.25 5000 seeds....\$9.50 1 lb.....\$17.50

Asparagus Falcatus. See page 4.

DWARF ASTERS for POTS and BEDDING

(12,000 seeds per ounce)

These new dwarf Asters should be given additional light. During the winter and early spring months we recommend using 60 watt bulbs with reflectors spaced 5 ft. apart from sunset until 10 P.M. (same set up as Mums).

COLOR CARPET (Wilt Resistant.) Exceptionally attractive new class. Extremely even globular-shaped dwarf plants, producing chrysanthemum-like flowers which cover plants completely. Blooms two weeks later than "Dwarf Queen".

Formula Mixture of mid-blue, deep rose-pink, red and pure white. Excellent for pots and bedding.

1/32 oz.....40c 1/16 oz.....70c 1/8 oz.....\$1.20 1/4 oz.....\$2.25 1 oz.....\$6.75

ASTERS — DWARF WILT RESISTANT—(Continued)

DWARF QUEEN. 10 in. Early flowering, dwarf base-branching plants for pots and bedding.

Crimson Rose	Deep Blue White	Deep Scarlet Formula Mixture, above 6 colors	Light Blue
Each of the above: 1/16 oz.....	40c	1/8 oz.....70c	1/4 oz.....\$1.25
			1 oz.....\$4.25

DWARF "GERHART HAUPTMANN". Bushy, compact plants covered with ball-like double flowers of a striking cinnabar-red. (Originator's Seed).

DWARF "THOUSAND WONDERS". Bushy, 8 in. plants covered with flowers, 2½ to 3 in. across of a striking vivid rose color. (Originator's Seed).

DWARF "WHITE THOUSAND WONDERS". Snow-white flowers, same habit of growth and size of flowers as Thousand Wonders. (Originator's Seed).

Prices above 3, each: 1/16 oz.....	46c	1/8 oz.....75c	1/4 oz.....\$1.30	1 oz.....\$4.50
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DWARF "ALL SAINTS". Nicely shaped compact plants. Best flowered from March through October. Formula Mixture of Rose, Light and Dark Blue, Scarlet, Salmon-Pink and White.

1/16 oz.....	50c	1/8 oz.....\$1.00	1/4 oz.....\$1.75	1 oz.....\$5.25
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KIRKWELL. Grows to a height of 12-14 inches and due to its dwarf compact shape and its very free flowering habit it is very useful for borders, rock gardens and for pots. As a pot plant it is best flowered from December through February, takes 4 to 4½ months from seed.

Crimson	Dark Blue	Dark Rose	Light Pink	Salmon-Pink	Formula Mixture			
Each of the above:	1/16 oz.....	50c	1/8 oz.....	\$1.00	1/4 oz.....	\$1.75	1 oz.....	\$6.00

TALL WILT-RESISTANT ASTERS

BALL TYPES or GIANT INCURVED. Fully double flowers on long stems. Bred and selected for cut flowers. Outstanding for growing under cloth or in the greenhouse. Normally blooms in mid- or late August but can be flowered under lights earlier or in the spring. Highly resistant to wilt.

Azure Ball. Clear light blue (3 to 3½ in.) flowers. Blooms around August 20.

Phlox Ball. Medium-sized flowers (3 to 3½ in.) of soft peach-blossom-pink. Normally blooms Sept. 1.

Pink Ball. Soft shell pink (3½ to 4 in.) flowers. Blooms August 20.

Purple Ball. Large incurved, dark purple flowers. Blooms August 20.

Rose Ball. Extra large flowered, rich deep rose. Blooms August 25.

Scarlet Ball. A particularly fine, very double new variety similar in color to Heart of France.

White Ball. Large, exceptional double flowers on good long stems. Blooms August 25.

Mixed. Our own Formula Blend of the above colors in just the right color proportions.

Each of the above: 1/16 oz.....	75c	1/8 oz.....\$1.50	1/4 oz.....\$2.75	1 oz.....\$9.00
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YELLOW DUCHESS. Large incurved flowers of a pure yellow color. Blooms measuring 4 to 5 inches in diameter and appear from September onward. Unsurpassed for cutting, holding longer in water than any other Aster.

1/16 oz.....	75c	1/8 oz.....\$1.50	1/4 oz.....\$2.75	1 oz.....\$9.00
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PINK LADY. Attractive, rich salmon pink, a much wanted color in Asters. The broad, long incurved petals make a solid double flower with centers completely covered. The large flowers are freely produced on clean husky stems.

1/16 oz.....	75c	1/8 oz.....\$1.50	1/4 oz.....\$2.75	1 oz.....\$9.00
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FORMULA MIXTURE. Our own careful blend of the above Ball Types or Giant Incurved including Yellow Duchess and Pink Lady. 1/16 oz.....65c 1/8 oz.....\$1.25 1/4 oz.....\$2.40 1 oz.....\$8.00

QUEEN OF THE MARKET. Standard early flowering type, widely used for early market cutting, 20 in. tall, long-stemmed, medium sized round flowers.

Azure Blue Rose	Crimson White	Dark Blue Queen of Market Formula Mixed	Flesh Pink, shell pink
Each of the above: 1/8 oz.....	25c	1/4 oz.....45c	1 oz.....\$1.50
			4 oz.....\$5.50

WILT-RESISTANT ASTERS—(Continued)

EARLY ROYAL. Second early class follows directly the Queen of the Market. Preferred by many because of their longer stems.

Azure Blue	Crimson	Deep Rose	Purple
Shell Pink	White	Royal Formula Mixed	
Each of the above: 1/8 oz.....	35c	1/4 oz.....	60c
		1 oz.....	\$1.90
		4 oz.....	\$6.00

EARLY BEAUTY. 2½ to 3 feet tall, blooms late August to frost. An improved type of American Branching as it produces larger flowers and stronger stems.

Azure Fairy, azure blue	Crimson	Deep Rose	Purple or Dark Blue
Shell Pink (Sept Beauty)	White	Early Beauty Mixed	
Each of the above: 1/8 oz.....	30c	1/4 oz.....	50c
		1 oz.....	\$1.75
		4 oz.....	\$6.00

EARLY GIANT. Flowers size of the Giant California type, blooming 4-6 weeks earlier. Plants are 1½ to 2 ft. tall with strong heavy stems.

Crimson	Light Blue	Peach Blossom
Rose Marie, rich rose	White	Formula Mixture
Each of the above: 1/16 oz.....	35c	1/8 oz.....
	60c	1/4 oz.....
		\$1.00
		1/2 oz.....
		\$1.75
		1 oz.....
		\$3.00

AMERICAN BRANCHING. Standard long-stemmed midseason class, large double flowers; 2 to 3 ft.

Azure Blue	Bright Rose	Crimson	Purple
Sensation (dark red)	Shell Pink	White	American Branching Mixture
Each of the above: 1/8 oz.....	30c	1/4 oz.....	50c
		1 oz.....	\$1.75
		4 oz.....	\$6.00

HEART OF FRANCE. 24 inches tall. Glowing dark red flowers. Blooms in late August.

1/16 oz.....	30c	1/8 oz.....	60c	1/4 oz.....	\$1.00	1 oz.....	\$3.00	4 oz.....	\$9.00
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IMPROVED CREGO or TALL OSTRICH FEATHER. Unchallenged favorite of American gardeners. Large, feathery, fully double flowers on robust branching 2½ ft. plants. Comes into bloom in August, continuing well into September.

Azure Blue	Blue Flame, bright navy blue	Purple or Dark Blue		
Crimson	Deep Rose, bright rose	Orchid-Lavender		
Shell-Pink	White	Formula Mixture		
Each of the above: 1/8 oz.....	30c	1/4 oz.....50c	1 oz.....\$1.75	4 oz.....\$6.00

SUPER GIANT ASTERS. The long-awaited wilt resistant strain of true giant ostrich-feather flowers with long heavy non-lateral stems, borne on plants 3 ft. high. Blooms late summer to frost. The best giant Aster.

Beverly Hills, azure blue	El Monte, crimson	Hollywood, paper white
Los Angeles, shell pink	Pasadena, peach blossom	Santa Barbara, purple
Palm Springs, deep rose	Formula Mixture	
Each of the above: 1/8 oz.....50c	1/4 oz.....\$1.00	1 oz.....\$3.25
		4 oz.....\$10.00

BOUQUET TYPE. Ideal market cutter and shipper. Plants strictly upright, bearing quilled flowers on long stems at top of 2 feet plants. Habit allows entire plant to be cut as one bunch.

Azure Blue	Crimson	Deep Cream	Purple	Rose, dark stems
Rose-Pink	Scarlet	White	Powderpuffs, a blend of all colors	
Each of the above: 1/16 oz.....	40c	1/8 oz.....	75c	1/4 oz.....
			\$1.35	1 oz.....
			\$4.25	4 oz.....
			\$14.50	

PRINCESS. 28 inches. Excellent class for cut flowers. The highly double, large flowers with yellow crested centers, surrounded by several rows of loosely, quilled, broad petals are carried on strong, 24 in., stems. Starts blooming about the end of July. Our seed is imported from a European Specialist.

Angela , glowing rose	Veronica , dark blue	Marsha , cinnabar-scarlet		
Nancy , salmon-pink	Victoria , a brilliant flaming red			
Eli , glowing light blue	Monica , best yellow	Rosalind , clear, light rose		
Formula Mixture of Princess Asters				
Prices above 9, each: 1/16 oz.....	35c	1/8 oz..... 60c	1/4 oz..... \$1.10	1 oz..... \$3.90

GIANT PRINCESS. A giant flowered strain with fully double flowers with crested or cushioned Anemone centers, approx. 5 inches across on strong, 28 in. stems. A very valuable class for cut flower purposes. Awarded Gold Medals 3 times in European flower shows.

cut flower purposes. Awarded Gold Medal in the European War Show.			
Bellablanca, white	Carmen, blood-red	Dagmar, copper-red	
Eva, violet	Gisela, salmon-rose	Isabella, golden yellow	
Lilo, peach blossom	Rotraud, brilliant red	Sybille, dark rose	
Gold Medal Mixture of Giant Princess Asters			
Prices above 10, each: 1/16 oz.....	50c	1/8 oz.....	90c
		1/4 oz.....	\$1.50
		1 oz.....	\$5.00

ASTERS IN MIXTURE

ALL-DOUBLE WILT RESISTANT VARIETIES MIXED. A blend made up by ourselves of the best commercial colors. For growers who sell large quantities of mixed Aster plants.

1/8 oz.....30c 1/4 oz.....50c 1 oz.....\$1.75 4 oz.....\$6.00 1 lb.....\$18.00

EARLY CHARM MIXED. Every known Aster color is in this charming mixture. Extremely free flowering, earlier even than the Queen of the Market. The plants stand 18 in. tall, with many laterals producing long, clean stems which support a profusion of 3 in. double flowers, each with broad overlapping petals reminding one of the American branching form.

1/16 oz.....35c 1/8 oz.....65c 1/4 oz.....\$1.25 1 oz.....\$4.00

BURPEEANA. Extremely early blooming. Plants are of erect, base-branching growth, average 20 in. in height, with many stems per plant, each stem topped with a flower somewhat resembling the American Beauty in shape. A complete range of all popular Aster colors. Makes a grand showing. (Non-Resistant). **Originator's seed.**

BURPEE "CURLILOCKS". Long-stemmed ostrich plumed or Crego type flowers, 3-4 in. across, atop erect, base-branching plants that bloom extremely early, 20 in. tall, 6 to 8 long, strong stems topped with flowers all in bloom at the same time. Lovely blend of the most beautiful colors some entirely new to Asters. (Non-Resistant)

Prices above 2, each: 1/16 oz.....45c 1/8 oz.....80c 1/4 oz.....\$1.50 1 oz.....\$5.50

IMPROVED GIANTS OF CALIFORNIA MIXED. (Non-Resistant). Fine blend of large, fully double, "shaggy-petaled" flowers carried on long stems. Sept. blooming.

1/16 oz.....40c 1/8 oz.....75c 1/4 oz.....\$1.40 1 oz.....\$4.25

GIANT CALIFORNIA SUNSHINE MIXTURE (Non-Resistant). Large flowers, 4 to 5 inches across carried on long, stiff stems. Anemone type blooms with small center cushions and long ray petals. Excellent for cutting. 1/16 oz.....35c 1/8 oz.....60c 1/4 oz.....\$1.00 1 oz.....\$3.00

SINGLE CHINESE RAINBOW MIXTURE. 2-2½ ft. Attractive single daisy-like cutting Asters, graceful medium-sized flowers, beautiful color range, excellent keeping qualities. Upright growth. Habit makes the plant very suitable for cutting as a bunch.

SINGLE CHINESE SUPER MIXTURE. 3 ft. Giant flowers on long stems have several rows of petals. Extremely wilt resistant. Excellent for cut flowers.

Prices above 2, each: 1/8 oz.....25c 1/4 oz.....40c 1 oz.....\$1.25 4 oz.....\$4.50

BALSAM

(3300 seeds per ounce)

Tom Thumb "Extra Dwarf". More dwarf and compact than regular Bush Balsam and more of top flowering. Individual flowers, in good double form, are larger.

Purple	Scarlet	Shell Pink	Rose	Pure White	Formula Mixed
Prices above 6, each: 1/16 oz.....50c 1/8 oz.....90c 1/4 oz.....\$1.75 1 oz.....\$5.40					

Double Bush Flowering. 3300 S. 12 in. Flowers appear in clusters on top of stem well above the dark green foliage.

Rose	Scarlet	Torch, vermillion red	White	Bush Mixed, bright and showy
Prices above 5, each: 1/8 oz.....35c 1/4 oz.....65c 1 oz.....\$2.00 4 oz.....\$6.75				

Double Flowered Dwarf Mixed. Showy little bushes 8 in. high with double and semi-double flowers in a wide range of pretty colors. Fine for edgings, borders or pot culture.

Improved Rose Flowered Extra Double Mixed. 18 in. Rose-like flowers in a mixture of beautiful colors.

Improved Double Camellia-Flowered Mixed. 20 inches. Large fully double flowers closely set along the length of the stems and surrounded by the foliage in full color range.

Prices above 3, each: 1/8 oz.....20c 1/4 oz.....35c 1 oz.....\$1.00 4 oz.....\$3.00

BASIL — ORNAMENTAL

Dark Opal. 20,000 S. Bronze Medal All America 1962. Excellent for borders and mass plantings and has the additional value of being an herb used for culinary purposes. Plants are very uniform, average height 15 inches and a spread of 12 inches. The small lavender-white flower, on its slender spike, makes a striking contrast to the attractive dark purplish-bronze foliage.

1/32 oz.....50c 1/16 oz.....90c 1/8 oz.....\$1.65 1/4 oz.....\$3.15 1 oz.....\$9.35

BELLS OF IRELAND (Molucella Laevis)

Plants are composed of several base-branching stems, each closely set with spikes of large bell-like sheaths of translucent green surrounding a small white flower. Wonderful either as a fresh cut flower, or when dried for use in winter bouquets. 4200 S. per oz.

1/8 oz.....30c 1/4 oz.....50c 1 oz.....\$1.75 4 oz.....\$6.00 1 lb.....\$18.00

BEGONIAS FOR POT PLANTS AND BEDDING (30,000 s. per 1/32 oz.) Well-cleaned seed from European Specialists. Use a non-acid peat for germination; no covering over the seed, except paper for shade until they sprout. Keep surface of flat moist. Should be grown at 60° to keep them moving, need shade during the summer, a well shaded house high in humidity is recommended. Sow during November/December and January for 2 1/4's 3's and 4's for spring sales. A strong 2 1/4-in. pot can be produced from seed in about 4 months.

FIBROUS-ROOTED: (30,000 seeds per 1/32 oz.) 68-75° Germinating temperature.

F₁ HYBRID STRAINS

Seed is produced by the same method as Hybrid Petunias and Snaps. Plants grow **uniform** — are **sun and rain proof** — and because of this they are well adapted for outdoor bedding.

Trade packets of all F₁ Hybrid Begonias contain approx. 2000 seeds.

Pink Pearl. 6 in. Rich pink flowers, resembles Adeline in flower size, plants form perfect balls.

Red Pearl. 6 in. Brilliant dark scarlet color, otherwise identical to Pink Pearl.

Rose Perfection. 6 in. Bright rose-pink color, plants form perfect balls.

Red Perfection. 6 in. Glowing bright scarlet blooms, otherwise identical to Rose Perfection.

Rhine Pearl (Rheingauperle). 6 in. Very attractive shade of pink with salmon sheen.

Prices above 5, each: Tr. Pkt.....\$1.50 3 Tr. Pkts.....\$4.00 6 Tr. Pkts.....\$6.75

Pink Thousand Wonders (Tausendschoen). 6 in. Bright pink flowers; closely resembles the above Pearl and Perfection varieties in habit.

Red Thousand Wonders (Rote Tausendschoen). 6 in. Clear red counterpart of the above.

Sleeping Beauty. 5 in. Bright carmine, extremely free flowering, sun-and rainproof. One of the best dwarf Begonias for pots and bedding.

Above 3, each: Tr. Pkt., \$2.00; 1/256 oz. (8000 s.), \$5.50; 1/128 oz., \$10.00; 1/64 oz., \$18.50

Indian Pearl. 6 in. Scarlet-red flowers carried well above the **dark bronze foliage**.

Matador. 6 in. Dazzling scarlet flowers in extraordinary profusion above small **green leaves**. Very resistant. Longest flowering period.

Above 2, each: Tr. Pkt.....\$2.00 3 Tr. Pkts.....\$5.00 1/256 oz. (8000 s.).....\$6.75

White Thousand Wonders. (Weisse Tausendschoen). 6 in. Pure white flowers in abundance. Completes the color range in this free flowering Thousand Wonders class.

Tr. Pkt. (1000 s.).....\$2.00 3 Tr. Pkts.....\$5.00 1/256 oz. (8000 s.).....\$12.00

White Comet. 6 in. Pure white flowers in abundance, small **bronzy green** foliage; very resistant to sun and rain. A first class variety for outdoor bedding.

Aristo Mixture. 6 in. A blended mixture combining the completest possible **color range** of both **green - bronzy green - and dark bronze foliage**.

Above 2, each: Tr. Pkt.....\$2.00 3 Tr. Pkts.....\$5.00 6 Tr. Pkts.....\$9.00

Organdy Mixture. Formula mixture of many unedited F₁ Hybrid varieties, carefully selected for even height, compact growth, resistance against full sun and rain, profusion of blooms in a well balanced color harmony of scarlet, red, rose, pink with a few white, all of **uniform "Thousand Wonders"** habit. Tr. Pkt.....\$1.50 3 for.....\$4.00 6 for.....\$6.75

Gruga. 6-8 in. Rich carmine pink, sturdy compact plants, heat and rain resistant.

Tr. Pkt.....\$1.50 1/128 oz.....\$3.50 1/64 oz.....\$6.75 1/32 oz.....\$13.00

Lucifer. Brilliant scarlet flowers with deep, bronzy foliage. A fine outdoor bedding variety.

Tr. Pkt.....\$1.50 1/128 oz.....\$3.50 1/64 oz.....\$6.75 1/32 oz.....\$13.00

Pink Profusion. 9 in. Pure La-France-Rose or coral pink with purple buds and green foliage. A very vigorous, dense grower and highly resistant to full sun.

Tr. Pkt.....\$1.50 1/128 oz.....\$3.75 1/64 oz.....\$7.00

Prima Donna. 9-11 in. Bright rose-pink; extra good for winter-blooming in 4 or 5 inch pots.

Tr. Pkt.....\$1.25 1/128 oz.....\$2.50 1/64 oz.....\$4.50 1/32 oz.....\$8.50

F₁ Hybrid "CINDERELLA STRAIN". A remarkable new type of Fibrous Rooted Begonia bearing flowers with a large, attractive **golden yellow center**. Height 8-10 in. About half the plants are as described, the balance being perfectly salable regular type Begonias.

Cinderella Rose

Cinderella White

Cinderella Mixture

Above 3, each: 1/2 Tr. Pkt. (1000 s.).....\$1.25 Tr. Pkt. (2000 s.).....\$2.35

1/128 oz.....\$7.00 1/32 oz.....\$21.00

BEGONIAS — DWARF VARIETIES, 5 TO 8 INCHES

MANOR'S GLORY (GLOIRE DE CHATELAINE). A very compact and extremely free-flowering strain; height 6 inches; suitable for growing both in sunny and shaded exposure.

	Red	Rose-Pink	Mixture of Red and Rose-Pink		
Each: Tr. Pkt.....	\$1.00	1/128 oz.....	\$1.75	1/64 oz.....	\$3.25
				1/32 oz.....	\$6.00
				Tr. Pkt. 1/64 oz. 1/32 oz.	
Adeline. Very free flowering bright pink; dwarf and compact.....				\$1.25	\$2.75 \$5.00
Ball Red. Fairly dwarf and uniform growth.....				1.25	2.75 5.00
Ball Deep Rose. Deep rich rosy red which gradually fades to a bright luminous pink				1.25	3.00 5.50
Flamingo. Bi-colored white with pink edge, very attractive.....				1.25	3.00 5.50
King of the Reds. Glowing red flowers, a most valuable variety of vigorous but compact growth. Fine for pots and bedding.....				1.25	2.75 5.00
Luminosa Compacta. Extra dwarf and compact; fiery red flowers.....				1.25	3.00 5.50
Snowbank. The finest dwarf, large flowered, glistening white Begonia....				1.25	2.75 5.00
Dwarf Varieties Mixed. Our own formula mixed.....				1.00	2.50 4.50

DWARF BRONZE LEAVED VARIETIES, 6 INCHES

Dwarf Carmen. Light pink flowers with rich bronze foliage.....	\$1.50	\$3.00	\$5.50
Dwarf Indian Maid. A dwarf and compact version of the popular Indian Maid, scarlet flowers and bronze leaves.....	1.50	3.50	6.50
Indian Bride (Frosty). Pure white flowers with rich bronze-colored leaves....	1.50	3.25	6.00
Bronze-Leaved Varieties Mixed. A formula blend of above 3.....	1.50	3.25	6.00

BEGONIAS — INTERMEDIATE VARIETIES, 9 TO 11 INCHES

	Tr. Pkt.	1/64 oz.	1/32 oz.
Carmen. The bronze-leaved Begonia, bright rose-pink flowers.....	\$1.25	\$2.50	\$4.50
Glow. (Glut) Large flowering dark red; excellent for pots.....	1.00	2.25	4.00
Indian Maid. Deep metallic bronze foliage, scarlet flowers.....	1.25	2.50	4.50
Luminosa. Fiery-red, fine for 4 inch and larger pots.....	1.25	2.75	5.00
Salmon Queen. Large flowers of fiery orange-salmon. A wonderful variety, blooming very profusely.....	1.25	2.75	5.00
Scandinavia Pink. Free flowering bright rose-pink. Fine for pots.....	1.25	2.75	5.00
Scandinavia Red. Bright carmine scarlet flowers.....	1.25	2.75	5.00
Scandinavia White. A white Scandinavia Selection.....	1.25	2.50	4.50
Sparkler. Large flowers of brilliant orange-salmon with each petal base a contrasting creamy white.....	1.25	2.75	5.00
White Pearl. Snowy white flushed pink, dark green leaves.....	1.00	2.25	4.00
Intermediate Varieties Mixed. A formula mixture of above varieties.....	1.00	2.00	3.75

TALL VARIETIES, OVER 11 INCHES

PARIS MARKET. Compact strain with strong, green to light green foliage. Very large flowers, 2 to 2½ in. across. Extremely early and free-flowering; non-fading and heat-resistant, 12 in. high.

Brilliant Red	Rose Pink	Pure White	Formula Mixed
Prices above 4, each: Tr. Pkt.....	\$1.00	1/64 oz.....	\$2.00 1/32 oz.....\$3.50
			Tr. Pkt. 1/64 oz. 1/32 oz.
Christmas Cheer. Large flowered, deep rose-red.....	\$1.00	\$1.75	\$3.25
Masterpiece. Extra large flowered, light pink.....	1.00	1.75	3.25
Silver Wings. Extra large flowered, pure white.....	1.00	1.75	3.25
Tall Varieties Mixed. A formula mixture of tall growing sorts.....	1.00	1.60	3.00

TUBEROUS ROOTED BEGONIAS

Grow them from seed at much less cost than from tubers. They are also more dwarf, vigorous and free blooming. Early sowings start flowering within 5 months.

Bertini compacta hybrida "Bonfire". Many, medium, single, glowing fiery red flowers are produced freely above the foliage on bushy 8 in. plants. Stands full sun and is especially valuable for pots, bedding, window boxes, etc. Sow from December through the middle of February for flowering plants from Mother's Day on through the whole summer months.

Multiflora Double "Mrs. Helen Harms". Double, canary-yellow flowers produced in great abundance on dwarf, bushy plants. **Sunproof**, fine for bedding.

Multiflora "Sweet Home". F₁ Hybrid. Bright salmon orange flowers. Very free blooming, sun-and rainproof, excellent for bedding.

Multiflora Double "Tasso". An F₁ Hybrid, heat and rain resistant. All-Double, medium sized, deep blood-red flowers are produced freely on dwarf, bushy plants.

Multiflora Nana Double Mixed. Medium sized double flowers in many colors are freely produced on dwarf, bushy, 8 in. plants. Fine for bedding.

Prices above 5, each: 500 seeds.....\$1.50 1000 seeds.....\$2.50

TUBEROUS ROOTED BEGONIAS — (Continued)

Double "Lloydii" (pendula) Basket-Begonias mixed. Pendant, graceful stems bearing small double and semi-double flowers in many pretty colors.

Double "Illumination" (pendula). **Novelty.** Hanging type with masses of medium sized, rose-shaped, double blossoms, showing a variety of pretty delicate colors. Impressive and highly valuable Begonias for hanging baskets, window-boxes, etc.

Prices above 2, each: 500 seeds.....\$1.50 1000 seeds.....\$2.75

Extra Double Giants Mixed. Carefully fertilized and saved from practically 100% doubles. Superb Camellia-flowered. 500 seeds, \$1.50; 1000 seeds, \$2.50; 1/128 oz., \$8.00; 1/64 oz., \$15.00

"REX" BEGONIA (Ornamental-leaved). Splendid mixed varieties, 1000 seeds.....\$3.00

BROWALLIA

Speciosa Major. 111,000 S. Large, 1½-inch deep blue flowers. The standard variety for pots.

1/64 oz.....\$1.00 1/16 oz.....\$3.25 ⅓ oz.....\$6.00 ¼ oz.....\$11.00

Viscosa Compacta Sapphire. 240,000 S. Free-blooming, compact plants. Small attractively light-eyed blue flowers. Tr. Pkt.....40c 1/16 oz.....\$1.00 ⅓ oz.....\$1.90 ¼ oz.....\$3.75

CABBAGE — FLOWERING (12,000 S.)

A miniature cabbage for pots and bedding. Sow in early July for a brilliant display as a winter pot plant. In fall, when the temperature comes down around 40 degrees, the foliage turns either colorful rose or white. At its best in late fall or early winter.

⅓ oz.....40c ¼ oz.....75c 1 oz.....\$2.50

CACTUS

Extra Choice Mixed. All kinds and forms, many of them rare collectors items.

1/32 oz.....60c 1/16 oz.....\$1.00 ⅓ oz.....\$1.75 ¼ oz.....\$3.00 1 oz.....\$10.00

CALCEOLARIA

Excellent and easily grown cool temperature pot plants for a reasonably priced, showy item for Easter and Mother's Day. Sow from July to October. 20,000 seeds per 1/32 oz.

F₁ Hybrid Multiflora Mixed. Unparalleled vigor as compared to straight varieties. Flowers are medium-sized in a wide range of brilliant colors and produced in great cloud-like heads. Foliage is of the "Rugosa" type and it has the hardiness and vigor of Rugosas. Grows much stronger than other Calceolarias, therefore, we suggest to finish same in 6-inch pots.

F₁ Hybrid Glorious Mixed. This is a medium-sized Grandiflora with a wide range of many brilliant colors such as crimson, scarlet, yellow, red spotted and several others. Very even and compact with remarkable hybrid vigor not usually found in regular varieties.

Prices above 2, each: Tr. Pkt.....\$2.00 1/128 oz.....\$5.00 1/64 oz.....\$9.00

Multiflora Nana Mixture. The most popular variety. Very attractive, medium size brightly colored flowers. The compact plants are wiry in growth with small durable leaves.

Tr. Pkt.....\$1.75 1/128 oz.....\$3.25 1/64 oz.....\$6.25 1/32 oz.....\$12.00

Grandiflora Dwarf Mixed. Large flowers in unusual striking colors of the tigered, marbled and spotted varieties. Tr. Pkt.....\$1.25 1/64 oz.....\$3.00 1/32 oz.....\$5.75

Rugosa Major "Triumph of the North". Large heads of small yellow flowers. Resistant to heat.

Rugosa Nana Mixed. 10 in. Dwarf, compact, robust and bushy plants with large heads of small flowers in a mixture of brilliant colors.

Prices above 2, each: 1000 seeds.....\$1.50 3000 seeds.....\$4.00

CALENDULA

GREENHOUSE VARIETIES. 3000 S.

Ball Gold Improved. Rich golden yellow.

Ball Lemon Queen. Lemon-yellow, dark eye.

Art Shades Mixture. Pastel tints in new colors.

Each: ⅓ oz.....30c ¼ oz.....50c 1 oz.....\$1.50 4 oz.....\$4.50

BEDDING VARIETIES: 3000 S.

PACIFIC BEAUTIES. These improved Calendulas produce uniform large flowers of better formation, longer and straighter stems, clearer colors, and are more resistant to summer heat.

Apricot Beauty. Two-toned rich apricot

Flame Beauty. Clear deep orange

Persimmon Beauty. Flowers of a true persimmon-orange of unusual brilliance and size.

Pacific Beauty Mixture. A blend of all Pacific Beauty varieties in proper color balance.

Prices above 6, each: ⅓ oz.....25c ¼ oz.....40c 1 oz.....\$1.20 4 oz.....\$4.00

Chrysanth (Sunshine) Buttercup yellow.

Orange King Imp. Deep orange, dark eye.

Special Florists' Bedding Mixture. Large flowered, long stemmed varieties.

Prices above 5, each: ⅓ oz.....20c ¼ oz.....35c 1 oz.....\$1.10 4 oz.....\$3.75

Ball Imp. Long Orange. Leading orange.

Ball Masterpiece. Deep orange, dark eye.

Formula Mixture. Carefully blended.

Cream Beauty. Creamy-White

Lemon Beauty. Lemon yellow; wide petals

Lemon Queen. Lemon yellow.

Yellow Colossal. Bright yellow, outstanding.

CALLIOPSIS (*Coreopsis tinctoria*). 90,000 S.

Dwarf Mixture. 6-8 in. Very attractive and free flowering dwarf bedding plants in a mixture of red and yellow shades. 1/8 oz.....25c 1/4 oz.....45c 1 oz.....\$1.60

CAMPANULA

Annual Canterbury Bells Mixture. 50,000 S. 2-2½ ft. Blooms from seed in six months with 6-8 flower spikes. 1/16 oz.....30c 1/8 oz.....50c 1/4 oz.....90c 1 oz.....\$3.50

CANARY BIRD VINE

Tropaeolum peregrinum canariense. A popular quick-growing annual climber, bears curiously-cut yellow flowers with curved green spurs, the entire blossom vaguely resembling canary birds in flight. Grows in almost any soil, ideal for covering trellises often reaching a height of 8-12 ft. 1/4 oz.....40c 1/2 oz.....75c 1 oz.....\$1.40

CANDYTUFT

HYACINTH-FLOWERED (*Iberis coronaria*). 9,500 S.

Super Giant "White Pinnacle". Of particular value for Florists, for these handsome spikes of pure white grow 2 feet tall, and are superb for cutting.

1/8 oz.....35c 1/4 oz.....65c 1 oz.....\$2.25 4 oz.....\$7.50

Super "Iceberg". Extra select strain for Florists cut-flower use, which makes regular Giant White obsolete. Large trusses of big white florets create larger spike effect.

1/8 oz.....25c 1/4 oz.....40c 1 oz.....\$1.50 4 oz.....\$4.50 1 lb.....\$13.75

Giant Hyacinth Flowered White. Regular strain.

Tr. Pkt.....25c 1/2 oz.....50c 1 oz.....90c 1 lb.....\$10.00

UMBELLATA. 1 ft. Umbrella-like flowerheads which cover the whole plant.

Flesh-Pink	Crimson	Lavender	Rose Cardinal	White	Mixture
Each 1/4 oz.....	25c	1 oz.....	75c	4 oz.....	\$2.25

FAIRY MIXED. The compact, little, dome-like plants grow 8 in. tall. They are so completely uniform in height and plant spread that a row has the appearance of a dwarf hedge of a parade of gay colors. Very early blooming, therefore, also good for pots and combinations.

1/8 oz.....30c 1/4 oz.....55c 1 oz.....\$1.75 4 oz.....\$5.50

CANNA

Giant Hybrids Mixed. 100 S. Selected from newest and most advanced varieties. Sow in January for summer bloom; soak seed before sowing and give good bottom heat.

1/2 oz.....75c 1 oz.....\$1.25 4 oz.....\$4.75

CARNATIONS**ORIGINAL "CHABAUD" and "ENFANT DE NICE" from France**

Well-known throughout the world for their very long, strong stems and their well formed very large double flowers. **French Originator's** 1 gramm packets in color, containing appr. 500 hand-picked seeds.

CHAUBAUD'S. Strong 20 to 24 inch stems.

Aurora. Deep salmon rose

Carmen. Cherry Red

La France. Soft salmon rose

Legion of Honor. Glowing brick-red

Marie Chabaud. Canary-yellow

Princess Alice. Deep rose, flushed white edge

Safrano. Apricot

Prices above 14, each: 1 gramm.....\$1.00

Entinzelant. Fiery red

Jeanne Dionis. Pure White.

La Perle. Rose pink, lilac ground.

Magenta. Violet-red or purple.

Nero. Dark purple or maroon

Reine Rose. Deep, brilliant rose

Elite Mixture. Above and other colors

5 gramm.....\$4.50 10 gramm.....\$8.00

ENFANT DE NICE. Larger blooms than Chabaud, practically 100% All-Double. Strong stems, 16 to 20 inches long with heavy fleshy foliage.

Royal Aurora. Bright, deep salmon rose

Royal Jaune. Yellow

Royal Panache. Striped, light and deep rose

Royal Rouge. Glowing, bright red

Royal Saumon. Light salmon

Prices above 10, each: 1 gramm.....\$1.15

Royal Blanc. Pure white

Royal Mauve. Lilac-rose

Royal Pourpre. Blood-red

Royal Rose. Deep rose

Royal Mixed. All colors

5 gramm.....\$5.00 10 gramm.....\$9.00

Chabaud's Giant Improved. 14,500 S. Excellent for outdoor bedding.

Cardinal-Red (Sparkler)

Flesh-Pink (Reine Rose)

Maroon (Nero)

Deep Rose (Rose Queen)

White (Jeanne Dionis)

Formula Mixture

Deep Salmon (Aurora)

Yellow (Marie Chabaud)

Prices above 8, each: 1/16 oz.....40c 1/8 oz.....70c 1/4 oz.....\$1.20 1 oz.....\$3.60

English Giants (J. M. Bridgeford). Mixed colors, superior size blooms comparable to greenhouse grown carnations if secondary buds are removed. 1/16 oz.....40c 1/4 oz.....\$1.20 1 oz.....\$3.75

CARNATION — (Continued)

Marguerite Double Giant Malmaison Mixed. Largest flowers, beautiful colors, very early, bloom within 5 months from planting. Flowers are very fragrant.

Tr. Pkt.....25c ¼ oz.....65c 1 oz.....\$2.25

Enfant De Nice. 16 in. Plants are of robust upright habit with stiff stems bearing flowers 2¼ to 2¾ inches in diameter. The heavier fleshy foliage provides a husky seedling, ideal for bedding plant trade.

Blood Red Rose	Bright Red White	Deep Salmon Yellow	Flesh Pink Formula Mixture
Tr. Pkt.....50c	1/16 oz.....90c	½ oz.....\$1.50	¼ oz.....\$2.50 1 oz.....\$7.50

BABY, double choice mixed. A new, dwarf, compact carnation growing 10 in. tall. Very suitable for pots and borders. Tr. Pkt.....50c ½ oz.....90c ¼ oz.....\$1.75 1 oz.....\$6.00

CELOSIA

DWARF FEATHER VARIETIES. 29,000 S. For combinations, pots and bedding.

Dwarf Fiery Feather. 12 in. Fiery-red spires. **Golden Feather.** 12 in. Golden yellow spires.

Dwarf Orange Feather. 12 in.

Dwarf Feather Mixture. Our own mixture of ½ Fiery Feather, ¼ Golden Feather and ¼ Orange Feather.

Above 4, each: 1/32 oz.....25c 1/16 oz.....40c ½ oz.....75c ¼ oz.....\$1.25 1 oz.....\$4.00

PLUMOSA: Tall, plumed or feathery type.

***Forest Fire Improved.** 2 ft. A remarkable improvement over old type; earlier flowering with much larger plumes of a more glistening orange-scarlet shade.

Golden Fleece. 3 ft. Clear golden yellow plumes of huge size on long stems.

Scarlet Plume. 3 ft. Bright crimson-scarlet plumes, fine for borders and cutting.

Pampas Plume. 3 ft. Mixture of huge long-stemmed plumes in bronze, gold, scarlet, copper and crimson.

Spicata. 5 ft. Long, slender, silvery rose spikes. Fine cut flower and for drying.

Above 5, each: 1/16 oz.....35c ½ oz.....65c ¼ oz.....\$1.25 1 oz.....\$3.85

Thompsoni Magnifica. 2½ ft. A fine even strain; excellent cut flower. Strikingly brilliant shades of reds, yellow, copper and gold. Tr. Pkt.....25c ¼ oz.....60c 1 oz.....\$2.00

CHILDSII (Chinese Woolflower)

Very attractive type with knobs or ball-like formations on the end of each branch.

Pink	Yellow	Crimson	Mixed Colors
Prices above 4, each: Tr. Pkt.....25c	¼ oz.....60c	1 oz.....\$2.00	

IMPROVED CRISTATA (Cockscomb)

JEWEL BOX. A reselected florist strain of the popular **extra dwarf Cockscomb.** Jewel Box is a happy combination of a compact plant and large comb-like flowers standing up nicely above the foliage, extremely even in habit as well as in type of comb. Strikingly well-balanced colors of orange, salmon, bronze, deep red, gold, creamy-white, pink, rose carmine and bicolor hybrids.

The seeds of "Jewel Box" have been specially processed and are available only in originator's new **"Safe & Growerpaks"** in standardised weights as follows:

Tr. Pkt. (200 S.).....85c 1/16 oz.....\$2.50 ¼ oz.....\$7.50

Aurea. (Golden Beauty). 12 in. Showy golden yellow combs.

Empress. 12 in. Large crimson combs with dark foliage.

President Thiers (Glasgow Prize). 12 in. Dark crimson combs, bright green leaves.

Dwarf Sorts Mixed. 10-12 in. Extra choice mixture of all colors in this class with both light and dark foliage.

Prices above 4, each: Tr. Pkt.....25c ¼ oz.....75c 1 oz.....\$2.50

***Kardinal.** 8 in. A fine uniform strain with large brilliant red combs and green leaves; very striking. Excellent for pots, bedding, borders and combinations.

1/32 oz.....50c 1/16 oz.....90c ½ oz.....\$1.65 ¼ oz.....\$3.00

CELOSIA — (Continued)

IMPROVED CRISTATA (Cockscomb)

***Red and Gold.** 15 in. Large combs of golden yellow striped bright crimson. A unique but fascinating color.

***Toreador.** 18-20 in. Large combs up to 12 inches across of a rich wine-red color with scarlet overtone. 1955 All-America Winner.

***Yellow Toreador.** 18-20 in. A yellow sport of Toreador. Identical to it in height, growth, in flowering season etc., except color which is yellow.

Golden Scepter. 20 in. Of very uniform growth. Large combs of a bright deep yellow color. A little later in bloom than Yellow Toreador.

Semi-Tall Varieties Mixed. Above 4 varieties.

Prices above 5, each. Tr. Pkt.....30c 1/8 oz.....65c 1/4 oz.....\$1.25 1 oz.....\$4.75

CRISTATA TALL (Cockscomb)

Tall Kurume. A most fascinating, brilliant scarlet red, hard to describe. The top comb is globular and large, grows 2½ to 3 ft tall, produces also many branches, but all of them make perfect minor combs. Fine cut flower.

Tr. Pkt.....25c 1/8 oz.....65c 1/4 oz.....\$1.25 1 oz.....\$4.50

Tall Royal Velvet. 24 in. Rich carmine-crimson combs borne well above the foliage. Bronze-green leaves with reddish margins.

Tr. Pkt.....25c 1/4 oz.....85c 1 oz.....\$3.00

Tall Crimson. 2½ ft. Large crimson combs. Tr. Pkt.....25c 1/4 oz.....75c 1 oz.....\$2.75

Tall Mixed. All colors. Tr. Pkt.....20c 1/4 oz.....35c 1 oz.....\$1.25

GILBERT'S VARIETIES: Well adapted to drying for winter bouquets.

Gilbert's Crimson Gold. 3-4 ft. Crimson tipped with yellow. Non-branching unless pinched.

Gilbert's Gold Dust. 2-3 ft. Turns from silver to light yellow, sprinkled with gold.

Gilbert's Green Gold. 3 ft. A silvery green-tipped light rose with just a touch of yellow.

Gilbert's Maple Gold. 3-4 ft. Beautiful shades of pink tipped with gold.

Gilbert's New Penny. Derives its name from the brilliant copper luster of the ball-shaped combs which range from deep rose to light pink.

Gilbert's Harlequin. 18 in. Turns from gold to salmon then to a bright shell pink.

Gilbert's Rose Beauty. 3-4 ft. A brilliant pink coloring on a silver base; very large combs.

Prices above 7, each: Originator's tr. pkt. (300 seeds).....75c 5 pkts.....\$3.35

CENTAUREA

CYANUS (Cornflower or Bachelor Button). 6,500 S. Widely used for outdoor summer cut flowers, also for spring greenhouse cutting from a December/January sowing.

Blue Boy, deep blue.

Black Boy, deep maroon

Pinkie, deep pink.

Red Boy, deep red.

Snowman, clear white.

Select Mixture, above colors.

Each: 1/4 oz.....25c 1 oz.....65c 4 oz.....\$2.20 1 lb.....\$6.50

Jubilee Gem. 12 in. Dwarf and bushy with freely produced dark blue double flowers closely packed on the plant. Tr. Pkt.....25c 1/4 oz.....40c 1 oz.....\$1.50

IMPERIALIS (Sweet Sultan). 7,500 S. 30 in. Attractive, large thistle-like flowers.

Suaveolens (Yellow Sweet Sultan). 20 in. Bright yellow. 1/8 oz., 30c; 1/4 oz., 50c; 1 oz., \$1.75

DUSTY MILLERS

Candidissima. 7,500 S. 6 in. Silvery white finely cut foliage. The slow growing kind that must be started early. 1/8 oz.....60c 1/4 oz.....\$1.00 1 oz.....\$3.75

Gymnocarpa. 7,300 S. Silvery-grey fern-leaved, strong growing.

1/8 oz.....30c 1/4 oz.....50c 1 oz.....\$1.75

CHRISTMAS CHERRY (Solanum)

(11,000 S. per oz.)

Tr. Pkt. 1/4 oz. 1 oz.

Hlavacek's Masterpiece. Finest compact strain, uniform and bushy. Large, round red fruit is very freely produced.....\$0.50 \$1.00 \$3.50

Patterson Christmas Cherry. Orange-red, cherry-like fruit. More dwarf and compact than the above. Well suited for smaller sized pots......65 1.25 4.50

CHRISTMAS PEPPER (Capsicum)

Craig's Christmas Pepper. (Christmas Candle). Dwarf, compact rather wide and low plants are loaded with little, up-pointing, top-shaped fruits.

Fruit is first a creamy white, later turning a glowing shining scarlet.... .50 1.25 4.50

Red Boy. A fine addition to the Fall and Christmas Pot Plant list. Red Boy is probably the dwarfest of them all. Its small round red berries show color much earlier than any others......50 1.25 4.75

Special Florist's Mixed. Many new interesting small fruited varieties.

Highly attractive plants......50 1.50 5.00

CHRYSANTHEMUM

Rainbow or Merry Mixture (Carinatum). 9000 S. 2 ft. A cheerful blend of bright-hued tricolors including many new shades and color combinations. Showy for bedding and for cut throughout the whole summer months. 1/8 oz.....**30c** 1/4 oz.....**55c** 1 oz.....**\$2.00**

Eastern Star Improved (Segetum). An excellent improvement of the well-known Eastern Star. Large, yellow flowers with a dark disk. 1/8 oz.....**35c** 1/4 oz.....**65c** 1 oz.....**\$2.25**

LARGE FLOWERED DOUBLE CHRYSANTHEMUMS FROM SEED.

Japonicum. A mixture of different colors and shapes, such as Large Mums, Pompons, Anemones and Spider types for greenhouse cut flower use. Sow the seeds in March or April, care must be exercised not to wash the very small seeds away; they will germinate easily; come to bloom the following fall and winter without much difficulty. Very interesting to grow them from seeds; outstanding novelties and prize winners may be picked up that way. 100 seeds.....**\$1.25** 250 seeds.....**\$2.50** 500 seeds.....**\$4.50**

CINERARIAS



Cinereria grandiflora nana

Grandiflora Nana (dwarf). 3500 s. per 1/32 oz.

This large flowering, compact type received many medals at European flower shows during the last few years. Especially free flowering, and when sown from early August to October, blooming plants can be had from February to Mother's Day.

Blood Red	Cornflower-blue	Copper Scarlet
Dark Rose	Marine-blue	Pure White
Red with eye	Blue with eye	

Each: Tr. Pkt., **\$1.50**; 1/64 oz., **\$4.00**; 1/32 oz., **\$7.00**

Finest Mixed. Complete mixture of solid and white-eyed flowers.

Tr. Pkt.....**\$1.50** 1/64 oz.....**\$3.75** 1/32 oz.....**\$6.50**

Dwarf Erfurt Mixture. 4500 s. per 1/32 oz. 8 inches tall and large dense heads of medium-sized flowers in a brilliant color range. Very uniform and compact plants.

Tr. Pkt.....**\$1.50** 1/64 oz.....**\$2.50**

1/32 oz.....**\$4.75** 1/16 oz.....**\$9.00**

Cremer's Prize Strain. 6000 s. per 1/32 oz. Extra large heads of medium small flowers, about half light-eyed. Small foliage.

Tr. Pkt.....**\$1.50** 1/64 oz.....**\$2.25** 1/32 oz.....**\$4.25** 1/16 oz.....**\$8.00**

Festival. Small-leaved. Bushy and compact plants with medium-sized, mostly white-eyed flowers in a brilliant color range.

Tr. Pkt.....**\$1.50** 1/64 oz.....**\$2.75** 1/32 oz.....**\$5.00** 1/16 oz.....**\$9.00**

Siter's Rainbow Strain. 3500 s. per 1/32 oz. Immense heads of medium large, bright eyed flowers; early blooming. Small-leaved.

Tr. Pkt.....**\$1.50** 1/64 oz.....**\$2.25** 1/32 oz.....**\$4.25** 1/16 oz.....**\$3.00**

Gigantea Nana. 4500 s. per 1/32 oz. Immense flowers, 5 to 7 inches across; very early flowering type; weeks ahead of other Cinerarias.

Tr. Pkt.....**\$1.50** 1/64 oz.....**\$3.75** 1/32 oz.....**\$6.50**

Multiflora Nana Mixed. 6000 s. per 1/32 oz. Remarkable class of dwarf, compact habit. Innumerable medium small flowers, rich variety of colors, many with **Gold Centers**.

Tr. Pkt.....**\$1.25** 1/64 oz.....**\$2.00** 1/32 oz.....**\$3.50** 1/16 oz.....**\$6.25**

No. 1 Mixture. Cremer's Prize Strain and Siter's Rainbow Strain in equal proportions.

Tr. Pkt.....**\$1.25** 1/64 oz.....**\$2.00** 1/32 oz.....**\$3.75** 1/16 oz.....**\$7.00**

No. 2 Mixture. Contains equal parts of the above Cinerarias, except Dwarf Erfurt and Gigantea Nana Strains. Tr. Pkt.....**\$1.25** 1/64 oz.....**\$2.00** 1/32 oz.....**\$3.75**

DUSTY MILLER. 85,000 S.

Maritima Diamond. 10 in. Of compact, even growth and very white foliage. An excellent strain of Dusty Miller. 1/8 oz.....**25c** 1/4 oz.....**45c** 1 oz.....**\$1.50**

CLARKIA—Elegans Double

Mixture. 90,000 S. A fine blend of colors. Very popular for cutting, both in and outdoors. For indoors sow in January, grow in flats, don't feed and water sparingly until plants are about 1 ft. high. 1/8.....**20c** 1/4 oz.....**35c** 1 oz.....**\$1.20**

CLEOME (Spider Plant)

- Golden Sparkler.** 5500 S. An unusual bright golden orange Cleome color. Germinate cool or sow directly outside. 1/8 oz.....50c 1/4 oz.....\$1.00 1 oz.....\$3.75
- Helen Campbell.** 12,500 S. Glistening pure white flowers. 1/8 oz.....35c 1/4 oz.....60c 1 oz.....\$2.00
- Pink Queen.** 12,500 S. Huge heads of delightful and refreshing pink. Makes a wonderful hedge-like row about 4 ft. tall and 3-4 across. 1/8 oz.....30c 1/4 oz.....50c 1 oz.....\$1.85
- Rose Giant (Purple Queen).** 4 ft. Largest and showiest. Vivid rose flower heads. 1/8 oz.....35c 1/4 oz.....60c 1 oz.....\$2.00

COBAEA SCANDENS (Cup and Saucer Vine)

- Purple.** 375 S. Very popular rapid growing climber. 1/8 oz.....30c 1/4 oz.....50c 1 oz.....\$1.70

COLEUS

100,000 S. Excellent for combination boxes, pots and bedding in complete or partial shade. We can recommend both the separate and mixed colors to the most critical trade.

DONDO STRAIN. Received many medals at German Flower Shows. Finest strain of Coleus obtainable from seed.

Glowing Red Shades	Copper Shades	Dondo Prize Mixture	
Prices above 3, each: 1/128 oz.....\$1.50	1/64 oz.....\$2.75	1/32 oz.....\$5.00	1/16 oz.....\$9.50

RAINBOW STRAIN

- Amber Rainbow** (Old Gold Edged Green). Soft amber color with pleasing green edging.
- Art Shades.** Dwarf and compact; an ideal pot and garden plant. The leaves which are smaller than usual are borne in profusion on its multi-branching, ball-like plant. A most fascinating color being rose in center surrounded by amber yellow and light green; quite artistic.
- Autumn Brilliancy.** Beautiful autumn color with no edging; keeps its brilliant color throughout entire growing season. Of vigorous yet dwarf growth.
- Autumn Glow.** Same color as Autumn Brilliancy, except with spotted green edge.
- Autumn Splendor.** An excellent color of coppery-red to deep red with golden yellow border.
- Candidum.** A combination of brilliant green and soft ivory.
- Crimson Shades.** Brilliant crimson colored veins on blackish ground. Fairly large leaved.
- Color Pride.** Bright amaranth red margined green which is mottled with bronzy red. A marvelous color arrangement.
- Golden Rainbow.** A rich old-gold under tone is flecked with pale green. A very showy shade with red leaved varieties.
- Pink Rainbow.** Beautiful salmon pink with narrow light green edge.
- Red Rainbow.** A bright mahogany-red and brilliant carmine-rose edged green. Medium sized leaves, bushy plants. Very showy.
- Rose Shades.** Rose shades with dark colored edging.
- Rustic Splendor.** A beautiful, dwarf bushy type Coleus in rustic autumn color throughout with amber colored wide edges. Highly valuable for the color which seldom changes during the entire growing season.
- Salmon Rainbow.** Delicate salmon pink changing to light bronze as plant ages. Uniform in color and growth.
- Scarlet Rainbow.** Brilliant bright scarlet-red with narrow green edge. At its best when plants are of a size to use in combinations. Darkens somewhat as plants grow larger.
- Striped Rainbow.** Fancy colored leaves striped with crimson, green, white and dark brown.
- Tricolor Rainbow** (Rose Edged Green). Bright rose center with edging of dark brown and green; very uniform.
- Velvet Rainbow.** The most fascinating color. Brilliant blood-red throughout.
- Volcano.** Far brighter colored than any existing scarlet or red. The bright scarlet-red color holds up throughout its entire life.
- White Edged Green.** Creamy or near white, boldly edged with dark green.
- Yellow Rainbow.** Center is light golden yellow with dark green edging.
- Prices above 22, each: 1/128 oz., \$1.35; 1/64 oz., \$2.50; 1/32 oz., \$4.75; 1/16 oz., \$8.50
- Master Blend Rainbow.** Outstanding brilliant colors. Plants are of even height, growth and size of leaves. An ideal blend which is hard to beat.
- 1/128 oz., \$1.25; 1/64 oz., \$2.50; 1/32 oz., \$4.50; 1/16 oz., \$8.00; 1/8 oz., \$14.50; 1/4 oz., \$26.00
- Superfine Rainbow Mixture.** Extra selected colors taken out of separate varieties eliminating all dark and undesirable colors. 1/128 oz.....75c 1/32 oz.....\$1.80
- 1/16 oz.....\$3.25 1/8 oz.....\$6.00 1/4 oz.....\$10.50 1/2 oz.....\$18.50 1 oz.....\$35.00
- LARGE FANCY LEAVED TYPE.** An excellent strain unequalled for its coloring of the beautifully formed large leaves.
- Gold Dust.** Light green with yellow dust.
- Red Shades.** Bright amaranth red with dark colored edge, semi-dwarf.
- Salmon Shades.** Showy coppery red salmon, semi-dwarf.
- Scarlet Shades.** Fine bright scarlet, especially under cool weather. Lower part of leaves show golden yellow markings.
- Large Leaved Extra Selected Formula Mixed.** A fine blend of colors.
- Prices above 5 each: 1/128 oz.....90c 1/64 oz.....\$1.75 1/32 oz.....\$3.25 1/16 oz.....\$6.00

COLEUS—(Continued)**LACINIATED LEAVED MIXED.** Leaves are fringed and lacinated.1/128 oz.....**75c** 1/64 oz.....**\$1.25** 1/32 oz.....**\$2.00** 1/16 oz.....**\$3.50** 1/8 oz.....**\$6.00****CONVOLVULUS (Morning Glory) 1400 S.****Dwarf Royal Ensign.** Very compact, 6 inches, almost carpet-like in growth with deep bright ultramarine blue flowers. Very free blooming, excellent for rock gardens and borders.1/8 oz.....**40c** 1/4 oz.....**75c** 1 oz.....**\$2.75****CORAL FLOWER**Many slender 30-inch stems bear little five-pointed stars of luminous rosy pink, these in loose, alternate clusters. Then come airy, long-hanging capsules, like polished coral bells, which are more attractive than the flowers. Fine for bouquets as a filler. 1/32 oz.....**40c** 1/16 oz.....**75c****CORN, ORNAMENTAL (100 S.)**

	1 oz.	4 oz.	1 lb.
Rainbow (Calico or Indian Squaw). Multi-colored kernels make attractive ears for fall decorations	\$0.20	\$0.50	\$1.50
Strawberry. Tiny ears 2 in. long and 1½ in. wide of rich, shiny mahogany contrast with the straw-colored husks when folded back.....	.40	1.30	4.00
Striped. Attractive variegated foliage; yellow stripes on dark green. Leaves are very handy for floral arrangements.....	.35	1.25	4.00

COSMOS**SENSATION. 5000 S.** Large (4 to 6 in.) flowers. The most satisfactory very early giant flowered type for cut flower purposes.**Pinkie** **Purity, white** **Dazzler, crimson** **Radiance, deep rose with crimson zone****Mixture.** A blend of all colorsEach of the above: 1/8 oz.....**25c** 1/4 oz.....**40c** 1 oz.....**\$1.30** 4 oz.....**\$4.00****Extra Early Sensation Mixed.** Will bloom fully two weeks before the regular variety. Giant flowers in a full range of colors. 1/8 oz.....**30c** 1/4 oz.....**50c** 1 oz.....**\$1.50****EXTRA EARLY DOUBLE CRESTED.****Choice Mixture.** 3 ft. Produces about 60% large crested flowers.1/16 oz.....**40c** 1/8 oz.....**75c** 1/4 oz.....**\$1.30** 1 oz.....**\$4.50****HYBRIDA EARLY KLONDYKE. 2800 S.** About 3 ft. tall.**Fiesta.** Semi-double, gold striped scarlet. 1/8 oz.....**35c** 1/4 oz.....**65c** 1 oz.....**\$2.10****Mandarin.** Strongly double, brilliant orange. 1/8 oz.....**35c** 1/4 oz.....**65c** 1 oz.....**\$2.20****CROSSANDRA**

A valuable pot plant with large orange-salmon flowers and glossy Gardenia-like foliage. Germinates best at from 70 to 80 degrees, it will take from 3 to 7 weeks for the seed to sprout. Do not shade the seed flat; artificial light is recommended for germination. Needs rich, well drained soil and in a warm house will flower in 7 to 8 months.

50 seeds.....**\$1.75** 100 seeds.....**\$3.25** 200 seeds.....**\$5.75** 500 seeds.....**\$13.00****CUPHEA**

7000 S. Very colorful bedding plants; easily grown.

Firefly. Small, bright scarlet flowers are freely produced on bushy, compact plants about 12 inches in height. 1/32 oz.....**25c** 1/8 oz.....**75c** 1/4 oz.....**\$1.25** 1 oz.....**\$4.00****Platycentra** (Cigar Plant). Russet orange tubular flowers. Tr. Pkt., **\$1.00**; 1/16 oz., **\$2.00**; 1/8 oz., **\$3.50****Mixture.** Varied colors. 1/32 oz.....**25c** 1/8 oz.....**75c** 1/4 oz.....**\$1.25** 1 oz.....**\$4.00****CYCLAMEN**

Our Cyclamen seed is imported from Germany; grown by leading Specialists, such as "BINNEWIES" and others.

Dark Blood Red	Bright Red	Lavender	Mozart. Deep pink
Pure Rose	Pure White	Rose with Carmine Eye	White with Carmine Eye
Saffron Red Silver Edge		Baardse Wonder. Salmon with white border	
Bonfire. Brilliant salmon-scarlet		Dark Salmon. (Pearl of Zehlendorf).	
Light Salmon. (Rose of Zehlendorf)		New Salmon-Rose Improved	
Orange Beauty. Orange-vermillion		Pink Pearl. Salmon-pink	
Salmon Scarlet. (America Improved)		Silver-Leaved Varieties. Mostly salmon shades	
Striped Mixture. Very showy and attractive variety			
Ruffled Bright Red	Ruffled Dark Red	Ruffled Rose	Ruffled White w. Eye
Ruffled Salmon	Ruffled White	Ruffled Victoria. Fringed white, tipped red	
Each of the above: 50 seeds.....	\$1.25	100 seeds.....	\$2.25
Ruffled Mixture	Mixture. All varieties, 60% salmon colors.	1000 seeds.....	\$20.00
Above 2, each: 50 seeds.....	\$1.00	100 seeds.....	\$1.75
		1000 seeds.....	\$15.00

250 OF A VARIETY AT 1,000 RATE**SPECIAL QUOTATION ON LARGER QUANTITIES ON REQUEST**

CYNOGLOSSUM (Chinese Forget-Me-Not)

Firmament. 5000 S. A dwarf, 15-18 in. tall, Chinese Forget-Me-Not. Rich, clear blue flowers are freely produced on fine bushy, compact plants. 1/8 oz.....**25c** 1/4 oz.....**40c** 1 oz.....**\$1.35**

CYPERUS (Umbrella Plant) See page 4.

DAHLBORG DAISY

150,000 S. An ideal, compact edging plant with airy, lace-like leaves and yellow flowers. Plants reach a height of 6-8 in. and a spread of 12-14 inches. Blooms continuously throughout the season. Tr. Pkt.....**50c** 1/16 oz.....**80c** 1/8 oz.....**\$1.40** 1/4 oz.....**\$2.75**

DAHLIA

3000 S. Readily grown from seed and tubers may be saved from the choicest specimens. Should be sown several weeks ahead of other annuals for maximum bloom the first year.

EARLY BIRD "EXTRA DWARF". The earliest and most dwarf Unwin type of Dahlia. Its full range of color, in double and semi-double blooms, equals the better Unwin types; but these plants are **super-dwarf**, only about half as tall. They have good stem length for cut and are outstanding for flat and pot work, and extremely suitable for bedding and border work.

Tr. Pkt.....**40c** 1/8 oz.....**75c** 1/4 oz.....**\$1.30** 1 oz.....**\$4.00**

Unwin's Re-Selected Dwarf Hybrids. A greatly improved Unwin type very nearly All-Double. Uniform and early, blooms in about 80 days from seed. If sown during January these dwarf Dahlias will produce salable 3 and 4-inch pot plants during May.

Tr. Pkt.....**30c** 1/4 oz.....**75c** 1 oz.....**\$2.50** 4 oz.....**\$7.50**

Coltiness Hybrids. Dwarf and compact plants with single flowers.

	Orange	Rose	Scarlet	White	Yellow	Mixture, All colors
Above 6, each:	1/8 oz.....	1/8 oz.....	1/8 oz.....	1/8 oz.....	1/8 oz.....	4 oz.....
	30c		60c		\$2.00	\$6.50

Extra Double Cactus Flowered. 3-4 ft. Large, double and semi-double Cactus flowered blooms in many colors. 1/16 oz.....**65c** 1/8 oz.....**\$1.25** 1/4 oz.....**\$2.50** 1 oz.....**\$7.50**

Giant-Flowered Mixed. Extremely large flowered mixture of decorative varieties in a wide color range, 4-5 ft. tall, producing about 50% doubles.

1/16 oz.....**75c** 1/8 oz.....**\$1.40** 1/4 oz.....**\$2.75** 1 oz.....**\$10.00**

Pompon or Lilliput Mixed. 3 ft. Medium to small ball-shaped flowers in a wide color range on rather compact plants. 1/16 oz.....**65c** 1/8 oz.....**\$1.25** 1/4 oz.....**\$2.50** 1 oz.....**\$7.50**

DATURA — Trumpet Flower

Fastuosa. 2000 S. 3 ft. Most fragrant Datura. Long, double 6 in. flowers in mixed colors.

1/8 oz.....**25c** 1/4 oz.....**40c** 1 oz.....**\$1.25**

White Tower (D. suaveolens). 870 S. Great white Angel Trumpet. Spectacular, fragrant, snowy trumpets up to a foot in length. 1/8 oz.....**80c** 1/4 oz.....**\$1.50** 1 oz.....**\$5.50**

Wrightii (Angel's Trumpet). 2500 S. 3 ft. Large trumpets of white, tinted orchid.

1/8 oz.....**35c** 1/4 oz.....**65c** 1 oz.....**\$2.00**

DIANTHUS — Annual Pinks (25,000 S.)

DIANTHUS "BRAVO". Top All-America Award Winner for 1962. A single, dwarf, bright scarlet-red annual Dianthus, early blooming, compact 8-inch plants. Flowers are lightly fringed, measure up to 2 inches across, and are carried above the foliage. Blooms from early June until late fall. An ideal plant for edging and border purposes.

1/32 oz.....**85c** 1/16 oz.....**\$1.65** 1/8 oz.....**\$2.75** 1/4 oz.....**\$5.00** 1 oz.....**\$15.00**

Wee Willie (Annual Sweet William). 4 in. An extra dwarf strain in shades of red, coming into bloom 6 to 8 weeks after sowing. An ideal plant for flat sales. Plant thickly for best results.

Tr. Pkt.....**40c** 1/8 oz.....**75c** 1/4 oz.....**\$1.50** 1 oz.....**\$5.00**

Sweet Wivelsfield. 12 in. Flowers of this hardy annual are larger than Sweet William and borne in trusses, brilliantly colored. Excellent cut flower and a fine bedding plant.

Single Mixed. 1/8 oz.....**20c** 1/4 oz.....**35c** 1 oz.....**\$1.00**

Double Mixed. 1/16 oz.....**25c** 1/8 oz.....**40c** 1/4 oz.....**70c** 1 oz.....**\$2.25**

Double Gaiety. (Double Carnation Shades). Brilliant colors that include many of the rich salmon and red shades. 1/16 oz.....**25c** 1/8 oz.....**40c** 1/4 oz.....**70c** 1 oz.....**\$2.25**

Heddensis Westwood Beauty. Large single flowers in variable red shades on long stems. Tolerant to heat. 1/16 oz.....**25c** 1/4 oz.....**70c** 1 oz.....**\$2.00**

Heddensis Finest Mixed. All Dianthus colors including salmon.

1/16 oz.....**25c** 1/8 oz.....**40c** 1/4 oz.....**75c** 1 oz.....**\$2.25**

DIANTHUS "BABY DOLL". (Heddewigii Nana Giganteus). **Giant Flowered Mixed.** The single, rounded flowers are of really large size in rich, lustrous combinations of crimson, scarlet, pink, blush pink and white. Plants are scarcely 6 in. tall and are smothered with flowers. Like the All-America Winner "Dianthus Bravo" an ideal plant for edging and is fine in pots, too.

1/32 oz.....60c 1/16 oz.....\$1.00 1/8 oz.....\$1.75 1/4 oz.....\$3.25 1 oz.....\$10.50

DIDISCUS

Coeruleus (Blue Lace Flower). 10,000 S. Small heads of light lavender flowers in sprays. For spring forcing or grown outdoors in cool climates. 1/8 oz.....30c 1/4 oz.....50c 1 oz.....\$1.80

DIMORPHOTHECA (CAPE MARIGOLD) (AFRICAN DAISY)

9,500 S. Fine attractive bedding plant. Spreading habit.

Aurantiaca Orange Glory (Orange Daisy). 10 in. Glossy deep clear orange flowers, long stiff stems. 1/16 oz.....25c 1/4 oz.....70c 1 oz.....\$2.20 4 oz.....\$6.50

Aurantiaca Mixed. Shades of apricot, orange, yellow and creamy white.

1/8 oz.....25c 1/4 oz.....45c 1 oz.....\$1.50 4 oz.....\$4.50

Buff Beauty. 5 in. Large apricot flowers. 1/16 oz.....65c 1/8 oz.....\$1.25 1/4 oz.....\$2.25

Glistening White. 6-8 in. Large, pure white flowers with black eye, edged violet on dwarf, spreading plants. 1/16 oz.....30c 1/8 oz.....50c 1/4 oz.....90c 1 oz.....\$3.25

DRACAENA

Indivisa. 1500 S. **In the hull.** Narrow-leaved. 1/4 oz.....20c 1 oz.....55c 4 oz.....\$1.65 1 lb.....\$5.50

Indivisa, Cleaned. 8,500 S. 1/8 oz.....40c 1/4 oz.....75c 1 oz.....\$2.50 4 oz.....\$9.00

Australis. 1200 S. Broader-leaved. 1/4 oz.....25c 1 oz.....75c 4 oz.....\$2.25

DUSTY MILLER

	1/8 oz.	1/4 oz.	1 oz.
Centaurea Candidissima. 7500 S. 6 in. Silvery-white finely cut foliage. The slow growing kind that must be started early.....	\$0.60	\$1.00	\$3.75
Centaurea Gymnocarpa. 7300 S. Silvery-grey fern-leaved. Strong growing variety	4 oz., \$6.00	.30	.50
Cineraria Maritima Diamond. 85,000 S. 10 in. Very white foliage, uniform compact growth. A fine Dusty Miller.....	.25	.45	1.50

ESCHSCHOLTZIA (California Poppy) 18,000 S.

Mission Bells. 6 in. A complete mixture of double and semi-double flowers in all the available colors of Poppies. Dwarf, compact plants, 6 in. high which are excellent for borders or bedding; will thrive in almost any climate. Tr. Pkt.....25c 1/4 oz.....50c 1 oz.....\$1.50

EUPHORBIA

	Tr. Pkt.	1/4 oz.	1 oz.
Heterophylla (Annual Poinsettia or Mexican Fire Plant) 5000 S. 36 in. Makes small Poinsettia-like formations at tip of branches.....	\$0.30	\$0.50	\$1.75
Variegata (Snow-on-the-Mountain). 2500 S. 2 ft. Green leaves, white edged		.25	.80

EXACUM

Affine. 7500 s. per 1/128 oz. Fine greenhouse pot plants with fragrant light blue flowers, blooms within 6 months from sowing.

Tr. Pkt.....\$1.00 1/128 oz.....\$1.75 1/64 oz.....\$3.50

Affine Dark Blue. Same as above with dark blue flowers.

Tr. Pkt.....\$1.25 1/128 oz.....\$2.25 1/64 oz.....\$4.00

FERN SPORES. See page 4 — **Specialties.**

FOUR O'CLOCK. See page 29 — **Marvel of Peru.**

FREESIA

3000 S. Sow seeds in early spring and lift the bulbs by the middle of September. These will bloom in January with large flowers on strong and long stems.

Super Giants Mixed. Remarkably fine color range. Imported from one of the finest Freesia breeders and is far superior to all others. 1/16 oz.....\$1.10 1/8 oz.....\$2.00 1/4 oz.....\$3.60 1/2 oz.....\$7.00

FUCHSIA

Superb Mixture. A special strain produced from crosses between plants having American Fuchsia Society "A" or "B" rating only. 100 s.....\$1.25 250 s.....\$3.00 500 s.....\$5.00 1000 s.....\$8.75

GAILLARDIA

PICTA. 15,000 S. Popular, brightly colored plants for beds and borders.

Lorenziana Double Sunshine Mixed. 2 ft. Double globe-like, large flowers on strong 16-18 in. long stems. Shades of orange, yellow, red and rose with combinations of these colors in varying degrees. 1/8 oz.....**35c** 1/4 oz.....**60c** 1 oz.....**\$2.25** 4 oz.....**\$7.50**
Indian Chief. 12-15 in. Single, brilliant coppery scarlet flowers on dense bushy plants.
 1/8 oz.....**20c** 1/4 oz.....**35c** 1 oz.....**\$1.20**
Tetra Red Giant. 2 ft. Huge, blood-red single flowers are freely produced on long-stemmed vigorous, bushy plants. 1/8 oz.....**25c** 1/4 oz.....**45c** 1 oz.....**\$1.60**

GAZANIA

Splendens Grandiflora Mixed. 12,000 S. 8 in. Daisy-like flowers in shades of orange, yellow, light and dark brown, salmon, red and zoned. Vigorous, free flowering plants for pots and bedding. Stands hot, dry weather well. 1/16 oz.....**60c** 1/8 oz.....**\$1.00** 1/4 oz.....**\$1.90** 1 oz.....**\$6.00**

GERANIUM

Zonale. 6000 S. **Brilliant Mixed.** Large flowered singles. Should be sown early for summer bloom. 1/16 oz.....**75c** 1/8 oz.....**\$1.30** 1/4 oz.....**\$2.50** 1 oz.....**\$7.50**

GERBERA (Transvaal Daisy)

Duplex Hybrids. 7,250 S. Finest color range, selected by a specialist. Long solid stems topped with large, 5 inch flowers, many are duplexed. A fine greenhouse forcing perennial for cutting. Sow seed on top of soil, covered lightly with peat or a similar material. Germination usually begins in 7-9 days and is completed in 14 to 21 days. Should be grown in the greenhouse at steady 60° nights. 100 seeds.....**65c** 250 seeds.....**\$1.50** 1000 seeds.....**\$5.25** 5000 seeds.....**\$25.00**

GESNERIA

Texa. Valuable pot plant with Gloxinia-like leaves. The slender, tubular flowers are of a warm orange fiery red and are carried on an upright center stem. Should be sown from January to March for late fall and winter blooming. Keep shaded during the summer months.

Tr. Pkt.....**\$1.25** 1/128 oz.....**\$3.50**

GILIA

Capitata (Blue Thimble Flower). 100,000 S. 30 in. Rich sky-blue, thimble-shaped double flowers about 1 inch across. 1/16 oz.....**20c** 1/4 oz.....**60c** 1 oz.....**\$1.90**
French Hybrids. 130,000 S. A free-flowering hardy annual with tiny flowers in various bright shades. An excellent ground cover, height about 3 inches.
 1/16 oz.....**30c** 1/4 oz.....**80c** 1 oz.....**\$2.40**

GLOXINIAS

25,000 s. per 1/32 oz. 5-inch blooming plants for May and June sales can be produced from a November/December sowing. Culture, like Tuberous Rooted Begonias. They should be carried along at a temperature of about 65 degrees during the winter months.

MULTIFLORA: This class produces large, slightly waved flowers with flexible leaves easy to wrap and ship. Blooms abundantly.

Anja Egels. A solid color of brilliant scarlet-red. Flowers are freely produced on compact plants. Flexible well-shaped leaf.

Berlin Blue	Berlin Red	Berlin White
Blue with white border.	Light Red with white throat.	Blue with white throat

Eveline. Bright carmine-rose with ivory-white throat.

Emperor Frederick. Dark scarlet flowers with white border.

Emperor William. Dark violet flowers with white border.

Fanfare. A brilliant, glowing red with violet throat lightly tigered, white edged waved petals. Early and very free flowering.

Frederick Benary. Brilliant scarlet with white throat.

Panzer Scarlet. Deep, bright velvety red. A solid color which is outstanding.

Red Riding Hood. Vivid blackish red with dark throat, large ruffled flowers. An excellent new variety.

Scarlet Ball. Best scarlet-red; very even growth.

Switzerland. Bright red with white border, waved petals.

Prices above 16 each: Tr. Pkt.....**\$1.50** 1/128 oz.....**\$3.50** 1/64 oz.....**\$6.50** 1/32 oz.....**\$12.00**

Multiflora Choice Mixed. Brilliant color range, solid and others with white throats and white borders. Tr. Pkt.....**\$1.25** 1/128 oz.....**\$3.00** 1/64 oz.....**\$5.50** 1/32 oz.....**\$10.00**

GIGANTEA: A famous class of Gloxinias with grand-size flowers.

King of the Giants. Largest frilled flowers of a deep velvety crimson color.

Tigrina. Huge flowers are tigered and spotted in many attractive designs.

Gigantea Choice Mixed. A very rich colored mixture with the largest flowers.

Prices above 3, each: Tr. Pkt.....**\$1.25** 1/128 oz.....**\$3.00** 1/64 oz.....**\$5.50** 1/32 oz.....**\$10.00**

Formula Mixture. A blend of all colors and classes including spotted and blotched types.

Tr. Pkt.....**\$1.25** 1/128 oz.....**\$2.50** 1/64 oz.....**\$4.75**

GLORIOSA DAISY

Double (All-America Silver Medal 1961). 50,000 S. Rich golden-yellow double and semi-double flowers, up to 4½ in. across. A profuse bloomer on strong stems. The semi-double flowers are usually with a dark center. Originator's seed.

1/32 oz.....**60c** 1/16 oz.....**\$1.00** ¼ oz.....**\$1.90** ½ oz.....**\$3.60** 1 oz.....**\$12.00**

Single. Long-stemmed, flowers are up to 6 in. across in shades of yellow, mahogany and gold with contrasting dark velvety centers. 1/32 oz., **35c**; ¼ oz., **\$1.00**; ½ oz., **\$1.75**; 1 oz., **\$6.00**

GODETIA

50,000 S. Grew in shallow benches or flats just like *Clarkia* in the green house. Outdoors they thrive best in a cool moist location.

	Tr. Pkt.	¼ oz.	1 oz.
Dwarf Double Azalea-Flowered Prize Mixture. 18 in. Remarkable for its regularity in growth and effective color shades.....	\$0.25	\$0.60	\$2.00
Tall Double Mixed. 2 ft. Mixture of all colors.....	.20	.35	1.25

GOMPHRENA (Globe Amaranth)

Globosa. 5,500 S. A fine garden annual, does well in hot and dry locations. Taller varieties make excellent cutflowers, either fresh or dried for winter bouquets.

Rubra. 18 in. Reddish purple **Orange.** 2 ft. **Pink.** 2 ft. **Mixture**

Above 4, each: ¼ oz.....**25c** ¼ oz..... **40c** 1 oz..... **\$1.50**

Buddy (Dwarf). 8 in. Ball-shaped bright reddish purple flowers. Excellent for pots, bedding and combination boxes.

Cissy. 8 in. Silvery white flowers, habit of growth same as Buddy.

Dot 'N Dash. Formula blend of **Buddy** and **Cissy**. A really striking contrast.

Above 3, each: ¼ oz.....**35c** ¼ oz.....**60c** 1 oz.....**\$2.20**

GRASSES, ORNAMENTAL

Eulalia Japonica Zebrina (Sword or Zebra Grass). 4 ft. Hardy. Striped.

Festuca Glauca. Blue Festuca, has glaucous foliage.

Festuca Stipoides. Interesting grass of attractive growth habit and loose upright panicles, about 20 inches high.

Gynerium Argenteum (Hardy Pampas Grass). Fine for ornamental outdoor effects, needs sun, ample moisture and an occasional feeding of manure. Mulch the plants in the winter.

Pennisetum Rueppelianum (Fountain Grass). Long, graceful purple sprays, fine for Canna borders.

Pennisetum Longistylum (villosum). Same as above, except for its graceful white plumes.

Above 6, each: ¼ oz.....**40c** ¼ oz.....**75c** 1 oz.....**\$2.25**

GREVILLEA

Robusta (Australian Silk Oak). Fine fern-like foliage plant for combination pots and baskets, also 5-in. pot specimens for fall and winter, especially good with Poinsettias instead of Asparagus. Sow in early spring. 3000 seeds per oz.

1/16 oz.....**35c** ¼ oz.....**60c** ¼ oz.....**\$1.00** 1 oz.....**\$3.75** 4 oz.....**\$12.00**

GOURDS, ORNAMENTAL

SMALL FRUITED VARIETIES: 500 S.

Apple-Shaped. Yellow.

Crown of Thorns. Cream-green.

Orange. Ball-shaped orange.

Pear-Shaped. Half green, half yellow.

Pear-shaped. White.

White Egg. Practical nest eggs.

Bottle, Miniature. Striped orange and green.

Small Fruited Varieties Mixed.

LARGE FRUITED VARIETIES: 150 S.

Aladin. Small turban, green with yellow and red stripes.

Bottle. Large, the original Thermos bottle; makes fine bird houses.

Dipper. Fruit makes an excellent dipper and may be used for birds' nests.

Dishcloth or Towel. Fruit is made of a spongy-like porous pulp, may be dried and used as a sponge.

Hercules Club. Fruit grows 3 to 4 ft. long.

Longissima Marmorata. This new bottle gourd is an interesting climber. The slender fruits grow 3 feet in length. The brilliant dark green peel is creamy-yellow spotted.

Tobacco-Box. Fruit has the form of a tobacco-box.

Large Fruited Sorts Special Mixture. All shapes and sizes of these interesting fruits are included in this mixture.

Prices above Small and Large Fruited Varieties, each: ¼ oz.....**25c** 1 oz.....**90c** 4 oz.....**\$2.70**

Flat Striped. Flattened globe shape, green and cream.

Miniature. Small orange formed varieties.

Pear-Shaped. Dark green, striped white.

Spoon. Small ball-shaped fruit with slender neck, deep orange.

Warted Types Mixed. Round, orange.

GYPSOPHILA

(25,000 seeds per oz.)

			Tr. Pkt.	1 oz.
Covent Garden Market. Improved giant pure white, 6 to 8 overlapping petals. Excellent florist stock.	1/4 lb.....	75c	1 lb.....	\$2.50
				\$0.15
Paris Market. Smaller flowered than the above. Holds up well.	1/4 lb.....	\$1.00	1 lb.....	\$3.50
				.15
				.30

HELIANTHUS (Sunflower)

Sungold. 650 S. 4-5 ft. Large, full double, golden yellow Chrysanthemum-like flowers. Sow outdoors in May for August blooming.	1/4 oz.....	25c	1 oz.....	80c	4 oz.....	\$2.60
Yellow Pigmy. 2 ft. Compact, dwarf free flowering plants with medium-sized, full double golden yellow flowers.	1/4 oz.....	25c	1 oz.....	85c	4 oz.....	\$2.70

HELICHRYSUM (Strawflower)

Mixture. 40,000 S. Attractive shades, full double flowers.	Tr. Pkt.....	20c	1/4 oz.....	35c	1 oz.....	\$1.25
Swiss Giants Mixed. Extra large flowers.	Tr. Pkt.....	25c	1/4 oz.....	40c	1 oz.....	\$1.40

HELIOTROPE

50,000 S. Will bloom from seed in 4-5 months. Need heat and rich soil.

Marine. 15 in. Giant umbels of deep violet.	1/64 oz.....	40c	1/16 oz.....	\$1.40	1/4 oz.....	\$4.50
Pacific. Large, fragrant flowers in shades of blue.	1/16 oz.....	30c	1/4 oz.....	\$1.00	1 oz.....	\$4.00
First Snow. Richly fragrant, clear white flowers.	1/16 oz.....	35c	1/4 oz.....	\$1.25	1 oz.....	\$4.50

HOLLYHOCK (Annual)

Semi-Tall Double. 3 ft. 2,000 S. Mixture of all colors. Sow indoors in February and set in the open in spring.	1/8 oz.....	50c	1/4 oz.....	90c	1 oz.....	\$3.00
Indian Spring. 4-5 ft. Blooms in 5 months from seed. Semi-double flowers in light pink to crimson rose shades.	1/8 oz.....	25c	1/4 oz.....	45c	1 oz.....	\$1.60
Triumph Supreme. Gracefully fringed large double blooms in unusual delicate art shades. May be handled as an annual — sown indoors in February and set out in spring.	1/8 oz.....	50c	1/4 oz.....	90c	1 oz.....	\$3.00

IMPATIENS**SULTANAS.** 65,000 S. Bloom continuously from mid-summer until frost. Most valuable bedding plants for shady places. As a pot plant they bloom the year round.**F₁ Hybrids "ZUERICH GIANTS".** Uniformity of growth, habit and color of flower combined with extremely vigorous growth are the main characteristics of these F₁ Hybrids in Impatiens.

Blood Red	Orange Red	Orient Red. A shade deeper than Orange Red.
Deep Rose	Porcelain-Rose. Pale shrimp or flesh-pink.	Salmon Rose

Zuerich Giants Formula Blend. A mixture of above colors.

Prices above 7, each: 1/128 oz.....\$2.00 1/64 oz.....\$3.75 1/32 oz.....\$7.25 1/16 oz.....\$12.00

Dondo Scarlet. (Originator's seed). Not an F₁ Hybrid but can be classed with the above varieties for its very compact and uniform growth habit. Large, dark velvety-red flowers cover the dark foliage throughout the whole summer. As a pot plant "**Dondo Scarlet**" will flower all the year round in great profusion. Originator's trade packets.....\$1.50 3 for.....\$4.00**Red Herald.** The large fiery vermilion flowers almost completely cover up the dark green leaves. Very dwarf, almost creeping growth. An outstanding new red variety.

1/128 oz.....\$1.90 1/64 oz.....\$3.60 1/32 oz.....\$7.00 1/16 oz.....\$12.00

White Symphony. Large, snow-white flowers on dwarf compact plants about 10 inches high with a spread of about 15-18 inches.

1/128 oz.....\$2.00 1/64 oz.....\$3.50 1/32 oz.....\$6.50 1/16 oz.....\$11.50 1/8 oz.....\$22.00

Blaze. 6 in. Large scarlet-orange blooms contrast against dark foliage. Plants dwarf and broad, almost creeping.**Brilliant Carmine** (Carmine Baby). 6 in. Large flowered deep rose, green leaves.**Orange Baby.** 6 in. Outstanding bright orange shade, very uniform, green leaves.**Pink Baby.** 6 in. Bright pink flowers; green foliage.**Scarlet Baby.** 6 in. Brilliant scarlet flowers with bronzy green leaves and dark stems. Plants spread about 12-16 inches.

Above 5, each: 1/128 oz., \$1.00; 1/64 oz., \$1.75; 1/32 oz., \$3.00; 1/16 oz., \$5.50; 1/8 oz., \$10.50

Baby Mixed. 6 in. Well-balanced blend of **Dwarf Baby** varieties, all popular colors.

1/128 oz., 90c; 1/64 oz., \$1.60; 1/32 oz., \$2.85; 1/16 oz., \$5.00; 1/8 oz., \$8.50; 1/4 oz., \$15.00

IMPATIENS — (Continued)

SEMI-DWARF VARIETIES: 9-12 inches

Bright Rose. 10 in. Very large flowered, spreading habit, green leaves.

Beauty of Klettgau. 9 in. One shade deeper than Orange Baby, green leaves.

Liegnitzia. 10 in. Deep vermilion red.

Rhinefall. 10 in. Deep salmon carmine, green leaves; counterpart to Beauty of Klettgau.

Salmon Rose. 10 in. A pretty salmon rose color.

Shadow's Glow. 14 in. Dark scarlet flowers; dark green foliage.

Prices above 6, each: 1/128 oz.....**75c** 1/64 oz.....**\$1.25** 1/32 oz.....**\$2.25**
 1/16 oz.....**\$4.25** 1/8 oz.....**\$7.50** 1/4 oz.....**\$13.50**

Dwarf Varieties Mixed. 9-12 in. All popular colors in this semi-dwarf class.

1/128 oz., **60c**; 1/64 oz., **\$1.00**; 1/32 oz., **\$1.75**; 1/16 oz., **\$3.25**; 1/8 oz., **\$6.00**; 1/4 oz., **\$11.00**

Tall Varieties Choice Mixed. Shades of lilac, rose, pink, salmon, red and purple.

1/64 oz.....**40c** 1/16 oz.....**\$1.10** 1/8 oz.....**\$1.90** 1/4 oz.....**\$3.50**

IPOMOEA (MORNING GLORY)

MOONFLOWER — CARDINAL CLIMBER — CYPRESS VINE

650 S. Showy annual climbing vines of easy culture.

Clarke's Early Flowering Heavenly Blue. Bright blue, shading light toward center. Most popular variety. 1/4 oz.....**25c** 1 oz.....**75c** 4 oz.....**\$2.20**

Candy Pink. Beautiful bright rose-pink. 1/4 oz.....**30c** 1 oz.....**\$1.10** 4 oz.....**\$4.00**

Darling. Wine-red with snow white throat. 1/4 oz.....**25c** 1 oz.....**75c** 4 oz.....**\$2.20**

Flying Saucers. Large, bright blue flowers in striped patterns with powdery white. An interesting novelty. 1/8 oz.....**35c** 1/4 oz.....**70c** 1 oz.....**\$2.20**

Pearly Gates. Large, satiny white flowers. 1/4 oz.....**30c** 1 oz.....**90c** 4 oz.....**\$3.00**

Scarlet O'Hara. Improved climbing strain. Vivid wine-red. 1/4 oz.....**35c** 1 oz.....**\$1.10**

Wedding Bells. Fine new color in the Heavenly Blue type, a delightful rose-lavender shading light toward center. 1/8 oz.....**40c** 1/4 oz.....**75c** 1 oz.....**\$2.75**

Noctiflora (Moonflower). 110 S. White seeded. 1/4 oz.....**25c** 1 oz.....**70c** 4 oz.....**\$2.00**

Quamoclit — Cardinal Climber. 1000 S. Brilliant cardinal-red flowers, fern-like foliage. To hasten germination file or cut notch in seed. 1/8 oz.....**25c** 1/4 oz.....**40c** 1 oz.....**\$1.25**

Quamoclit Hybrida — Hearts and Honey Vine. 900 S. Easiest to grow of all climbing vines, blooms within 7 weeks from sowing. Fern-like foliage. Flowers open a brilliant orange and change to a pinkish-red with light center in late afternoon. 1/8 oz.....**30c** 1/4 oz.....**55c** 1 oz.....**\$2.00**

Quamoclit Pinnata — Cypress Vine. 2000 S. Star-like flowers in shades of red, rose-pink and pure white; attractive feathery fern-like foliage. 1/8 oz.....**25c** 1/4 oz.....**40c** 1 oz.....**\$1.25**

Convolvulus (Dwarf Morning Glory). See page 19.

JACARANDA

Mimosaeifolia. A tree in subtropical regions with foliage as finely cut as a fern, symmetrical and elegant. Showy blue or violet flowers. Valuable in the north for conservatory decorations and as a foliage plant it is useful in all stages of growth.

100 seeds.....**50c** 500 seeds.....**\$2.25** 1000 seeds.....**\$4.25** 5000 seeds.....**\$17.00**

KALANCHOE

(7000 s. per 1/128 oz.)

Globulifera Coccinea. (Blossfeldiana). Very choice pot plant of stronger growth than other varieties. Shining scarlet flowers. Tr. Pkt.....**\$1.00** 1/128 oz.....**\$2.00** 1/64 oz.....**\$3.50**

Ernst Thiede. Very dwarf, compact growth and free flowering. A glowing red.

Tr. Pkt.....**\$1.25** 1/128 oz.....**\$2.25** 1/64 oz.....**\$4.00** 1/32 oz.....**\$7.50**

Tom Thumb. Dwarf, compact, free-branching rounded plants. Extremely free-flowering with bright scarlet blooms. Tr. Pkt.....**\$1.25** 1/128 oz.....**\$2.75** 1/64 oz.....**\$5.25** 1/32 oz.....**\$10.00**

***Volcano. (Vulkan).** New; an improvement over **Tom Thumb.** Same habit of growth but with larger flowers of a glowing deep red color that does not lose its intensity with age.

Tr. Pkt.....**\$1.50** 1/128 oz.....**\$5.00** 1/64 oz.....**\$8.50** 1/32 oz.....**\$15.00**

KALE — FLOWERING (12,000 S.)

Mixed Colors. Looks like between Kale and Cabbage. Directions for sowing and handling same as Flowering Cabbage — see page 13. 1/16 oz.....30c 1/4 oz.....\$1.00 1 oz.....\$3.00

KOCHIA (Burning Bush, Summer Cypress)

Childsii. 31,000 S. 24 in. Neat compact plants with bright green needle-like foliage resembling a clipped evergreen hedge. 1/4 oz.....20c 1 oz.....55c 4 oz.....\$1.50

LANTANA

Dwarf Hybrids Mixed. 1 ft. 1300 S. Sow early with bottom heat. 1/8 oz.....50c 1/4 oz.....90c 1 oz.....\$2.70

LARKSPUR

8,500 S. Sow outdoors in late fall or in early spring as soon as the ground can be worked. 2 lbs. seed will sow an acre, 1 oz. a row 600-700 ft. For growing under glass to follow late Mums sow from September to January and band or pot the seedlings. Space 10x10 in. on raised benches and maintain a night temperature of not over 50°.

Seed does not germinate well in hot weather. If a sowing must be made in summer heat chill it for several days in a refrigerator (45°-50°) or set the seed flat under a bench or in a cool shed. It takes from 2-3 weeks to germinate, sometimes longer.

Following varieties are the best for growing under glass and outdoor cultivation. They retain the desirable height and basal branching habit of the Giant Imperials, have Delphinium-like florets on long, thick spikes.

Brilliant Rose. Strong, deep rose.

Deep Carmine. Rich carmine scarlet.

Lilac. The best clear lavender.

Salmon Supreme. Medium salmon rose.

Regal Pink. Brilliant pink on salmon.

Dark Blue. Deep violet blue.

Light Blue. The finest mid-blue.

Rose. Rich Florists' rose.

Regal Salmon Pink. Shade lighter than Salmon Supreme.

White Supreme. The most vigorous clear white.

Above, 10 each: 1/8 oz...25c 1/4 oz...40c 1/2 oz...75c 1 oz...\$1.50 4 oz...\$5.00 1 lb...\$15.00
Formula Mixture. 1/4 oz...35c 1/2 oz...65c 1 oz...\$1.25 4 oz...\$4.25 1 lb...\$13.50

LINARIA

MAROCCANA (Baby Snapdragons). 600,000 S.

Fairy Bouquet Improved. Compact, 8-10 in. Free, early blooming border plants. A blend of bright colors. 1/16 oz.....25c 1/4 oz.....90c 1 oz.....\$3.00

Northern Lights. 15 in. Very bright colors. 1/16 oz.....25c 1/4 oz.....90c 1 oz.....\$3.00

LOBELIA

COMPACTA. 6 in. 725,000 S.

Blue Tango (New). See page 1 — Novelties.

Blue Gown. Very fine free flowering deep blue, without eye.

Blue Stone Improved. (Blauer Edelstein). Large, mid-blue flowers without eye.

Cambridge Blue. Light blue with green foliage; very dwarf.

Crystal Palace Compacta. Very dwarf, deep blue flowers, dark foliage.

Emperor William. Gentian-blue, light green foliage, dwarf.

Mrs. Clibran Imp. (Bedding Queen). Deep blue with white eye; light foliage.

Rosamond. Rich carmine-red with white eye.

White Lady. Dwarf, large flowered, clear glistening white.

PENDULA. Of trailing habit. For hanging baskets.

Sapphire. Deep blue with white eye. Light green foliage.

Prices above 9, each: Tr. Pkt.....30c 1/8 oz.....60c 1/4 oz.....\$1.10 1 oz.....\$3.75

LOVE APPLE (Solanum)

Orange Fruited. 10,400 S. Brilliant orange-red fruits on long, thorny branches which are widely used for floral arrangements when dried. 1/16 oz.....40c 1/8 oz.....75c

Scarlet Fruited. Brightest scarlet fruits. 1/16 oz.....40c 1/8 oz.....75c 1/4 oz.....\$1.35

LUPINUS (Lupine)

HARTWEGI GIANT KING. 1300 S. 3 ft. This strain is an improvement over the older ordinary strain of Hartwegi with larger flowers, closer placed on longer spikes.

Oxford Blue, deep blue

Sky Blue

Heliotrope, rosy purple

White

Mixture

Prices above 5, each: 1/4 oz.....25c 1 oz.....90c 4 oz.....\$3.00

MARIGOLD

Tall African Varieties (9,500 s. per oz.)

GIANT FLOWERED TYPES

F₁ Hybrid "Climax". Created by "Burpee's". The tall plants, 2½ to 3 ft. high, bear an abundance of large, full double flowers up to 5 inches across and nearly as deep, the satiny petals are deeply ruffled and frilled. Long, graceful cutting stems from mid-summer until frost. The most gorgeous African Marigolds.

Golden Climax. Deep Golden Yellow flowers.

Primrose Climax. Deeply frilled blooms of a clear creamy primrose yellow.

Toreador. 1960 Bronze Medal winner. Rich orange flowers.

Yellow Climax. Brilliant canary yellow flowers.

Climax Mixture. Colors from deepest orange to lightest yellow.

Above 5, each: 1/64 oz.....	75c	1/32 oz.....	\$1.25	1/16 oz.....	\$2.25
1/8 oz.....	\$4.00	1/4 oz.....	\$7.50	1 oz.....	\$25.00

F₁ Hybrid "Sunbeams". Tight uniform double flowers 5-6 inches across rise above and in front of the foliage to give a full, rounded cover of color 30 to 36 in. high. Full color range from lemon yellow through deep orange.

Tr. Pkt.....	50c	1/16 oz.....	85c	1/8 oz.....	\$1.50	1/4 oz.....	\$2.75	1 oz.....	\$10.00
				Tr. Pkt.	1/4 oz.	1 oz.			

***Crackerjack.** Grows only to two-thirds the height of Sunset Giants with 100% double flowers, measuring 4 to 5 in. across. Full Marigold color range, primrose, yellow, gold and orange. 4 oz.....\$10.00 \$0.35 \$0.75 \$2.75

Early Sunset Giants. Huge flowers from lemon to orange, blooms very early25 .50 1.75

AFRICAN DOUBLE FISTULOSA. 3 ft. A reselected strain of the original African type. The ball or globular shaped blooms are tight and formal.

Orange All Double. Produces nearly 100% fully large double flowers.... .25 .50 1.75

Lemon All Double. A clear lemon-yellow, otherwise identical to the above,25 .50 1.75

All-Double Mixture. Uniform, high doubleness..... .25 .45 1.50

CHRYSANTHEMUM FLOWERED. Compact flowers with petals tightly incurved, 2½-3 in. or more across on plants 2-3 ft. high.

***Glitters.** Large, clear yellow, double chrysanthemum-flowered blooms, 3-4 in. across with fringed outer petals. An excellent variety, long, strong stems. Long blooming period..... .35 .70 2.50

***Mammoth Mum.** Largest of the chrysanthemum-flowered Marigolds. Fluffy ball-like, light sulphur yellow flowers..... .35 .70 2.50

Limelight. Pale primrose-yellow flowers; early and free flowering. Blooms are 2 in. across on 20 in. tall plants..... .25 .50 1.75

Crown of Gold. Odorless foliage. Bright golden orange 2½ in. large flowers, crested center and broad guard petals..... .25 .50 1.75

MISSION GIANTS. Almost perfect ball-shaped chrysanthemum-like flowers 4-5 in. across. Very vigorous and free branching.

	Tr. Pkt.	1/4 oz.	1 oz.
Goldsmith. Rich golden orange.....	\$0.30	\$0.60	\$2.00

Yellowstone. Clear golden yellow.....	.30	.60	2.00
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Mission Giant Mixture. A blend of all large chrysanthemum flowered Hybrids, from clear lemon yellow to deep golden orange.....	.25	.50	1.75
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NEAREST-TO-WHITE. Burpee's latest selections of paler colors in their search for a white one. New hybrids are found in this mixture of Carnation, Chrysanthemum and Peony flowered types.

Tr. Pkt.....	75c	1/8 oz.....	\$1.25	1/4 oz.....	\$2.25	1 oz.....	\$8.00
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NEW HORIZONS. This new Tall African Marigold offers a beautiful array of colors and flower forms on sturdy plants about 2½ to 3 ft. tall, all early and free flowering. The fully double flowers are of different types such as ball, carnation, peony or loose-petalled and sponge-like, from deepest orange to bright yellow, also primrose and buff bicolors.

Tr. Pkt.....	30c	1/4 oz.....	75c	1 oz.....	\$2.50
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CARNATION FLOWERED. Large, dome-shaped, loosely ruffled broad petaled flowers borne on 2 to 2½ ft. branching plants.

Burpee Gold Improved (Odorless). Large bright orange flowers.

Guinea Gold. Reselected strain, large brilliant golden orange, long-stemmed.

Man-in-the-Moon. Full double pale moon-yellow, crisply ruffled petals.

Real Gold (Odorless). Two-tone golden orange flowers, up to 4 in. across.

Yellow Supreme (Odorless). Fragrant, loose frilled rich creamy yellow flowers.

Prices above 5, each: Tr. Pkt.....	30c	1/4 oz.....	50c	1 oz.....	\$1.75	4 oz.....	\$5.50
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Carnation Flowered Mixed. Tr. Pkt.....	25c	1/4 oz.....	40c	1 oz.....	\$1.40	4 oz.....	\$4.25
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Odorless Carnation Flowered Mixture. Tr. Pkt.....	25c	1/4 oz.....	45c	1 oz.....	\$1.60	4 oz.....	\$5.00
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NEW CARNATION FLOWERED MARIGOLDS

Recently introduced, these varieties will soon replace older standard sorts, for they are extremely uniform in season, plant habit and flower quality. Plants grow to an even height of 30 in.

Alaska. Light primrose yellow.

Hawaii. Rich orange, odorless foliage.

Mary Ellen. Brilliant yellow.

Formula Mixture. Blend of the 3 varieties.

Each: 1/32 oz.....**50c** 1/16 oz.....**90c** 1/8 oz.....**\$1.60** 1/4 oz.....**\$3.00** 1 oz.....**\$9.00**

DWARF AFRICAN MARIGOLDS — For Pots and Bedding

SPUN GOLD. Approx. 8,000 s. per oz. (1960 All-American Winner.) **Early Dwarf Chrysanthemum Flowered**, 12 inches in height, erect bushy growth with a multitude of large double bright golden yellow flowers, 3 in. across with incurved petals. An all-around variety for mass effect, borders, flat and combination work — an excellent pot plant.

1/32 oz.....**35c** 1/16 oz.....**65c** 1/8 oz.....**\$1.20** 1/4 oz.....**\$2.00** 1 oz.....**\$6.00** 4 oz.....**\$18.00**

CUPIDS. 8-10 in. Compact, bushy, odorless plants covered with 2½-in. Mum-like blooms. Sow in early February for flat sales. In 3-inch pots they will bloom when the plants are but 4 to 6 in. high.

Cupid Yellow. Bright primrose-yellow.

Cupid Golden. Rich golden yellow.

Cupid Orange. Bright orange.

Cupid Mixed. Yellow, gold & orange.

Above 4, each: 1/16 oz.....**40c** 1/8 oz.....**75c** 1/4 oz.....**\$1.35** 1 oz.....**\$4.75**

POT O'GOLD. 12-15 in. Large (3½ to 4-in.) deep golden orange flowers loosely formed with full centers and broad, overlapping petals. Blooms continuously, fine for combination boxes and outdoor planting. 1/8 oz.....**30c** 1/4 oz.....**55c** 1 oz.....**\$2.00**

DOUBLE DWARF FRENCH MARIGOLDS — For Pots and Bedding

PETITE. This 1958 All-America winner received world-wide recognition and acceptance. Distinctly different from any other class of Marigold, being especially bred to remain dwarf under conditions where most Marigolds tend to grow rangy and wild. Produces an abundance of very early blooms and continues flowering so that the foliage is scarcely visible. Grows about 6 inches tall and spreads to a width of 10 inches. Ideal for flat sales.

Petite Gold	Petite Harmony	Petite Orange	Petite Spry	Petite Yellow	Petite Mixed
Prices above 6, each: 1/8 oz..... 35c 1/4 oz..... 60c 1 oz..... \$2.25 4 oz..... \$7.00					

BRITTANY. New — see page 1 — Novelties.

BROWNIE SCOUT. A very popular dwarf and compact Marigold. Rich golden yellow flowers with a touch of brown at the base of the petals. The 1962 Girl Scouts of America official flower.

1/8 oz.....**35c** 1/4 oz.....**60c** 1 oz.....**\$2.25** 4 oz.....**\$7.00**

Butterball Improved. Soft butter yellow tipped with brown. Much dwarfer habit than original.

Eldorado. A fine compact and uniform canary yellow about 10 in. high, excellent variety.

Extra Dwarf Harmony. Bright orange crested center and velvety maroon guard petals.

Flame. 10 in. Deep scarlet blooms turn to rich tangerine, golden edged petals.

Firetail. 10 in. Golden orange flowers with scarlet markings, early blooming.

Lemon Drop. Fully double, medium-sized canary yellow flowers on dwarf, compact plants. An improvement over Yellow Pigmy.

Midget Mixed. A very dwarf early blooming Marigold. Unusually wide color range.

Spry. Extra dwarf, early and free flowering. Medium small flowers with a bright, clear yellow crested center and contrasting mahogany-red guard petals.

Spry Hybrids. Beautiful **Gem Mixture** with delightful color combinations.

Sunkist. Deep golden orange flowers with crested centers and several rows of guard petals.

Yellow Pygmy. Double lemon yellow flowers, dwarf and free blooming.

Pygmy Mixed. Uniform 6 to 8 in. high, mounds of color, blooms profusely.

Prices above 12, each: 1/8 oz.....**30c** 1/4 oz.....**50c** 1 oz.....**\$1.75** 4 oz.....**\$5.50**

Color Magic. It's the brightest and most interesting color mixture in Marigolds, from red to golden yellow to include many bicolor combinations of the red, bronze, orange and gold. Flowers are up to 2 in. or more in diameter and are of a distinct and fully double form. The ideal variety for edging or bedding purposes. 1/8 oz.....**30c** 1/4 oz.....**50c** 1 oz.....**\$1.75** 4 oz.....**\$5.50**

DOUBLE DWARF FRENCH MARIGOLDS — (Continued)

Harmony. 12 to 14 in. Anemone type flowers; orange crest with maroon guard petals.

Harmony Hybrids Mixed. 12 to 14 in. All colors in this class.

Melody. 12 in. An excellent companion to Harmony. Solid bright orange flowers.

Rusty Red. 12 in. The large, fully double flowers are a rusty red.

Scarlet Glow. 12 in. Large, bright bronzy red, double flowers (1½ to 2 in.) across.

Tangerine. 13 in. Orange companion to Rusty Red, they are a matched pair.

Dwarf French Double Mixed. 12 to 14 in. All colors in this medium dwarf class.

Prices above 7, each: ⅛ oz.....**25c** ¼ oz.....**40c** 1 oz.....**\$1.50** 4 oz.....**\$5.25**

Parisian Hybrids. 14 in. Especially early and free flowering. Double and semi-double flowers (2 in. across) from palest yellow to deepest coppery red and variations of blotched, striped and mottled. ⅛ oz.....**20c** ¼ oz.....**35c** 1 oz.....**\$1.25** 4 oz.....**\$4.25**

DWARF FRENCH SINGLE VARIETIES

Brownie. 12 in. Rich mahogany red with a bright golden yellow crested center.

Dainty Marietta. 11 in. Large flowers are of a soft golden yellow with a maroon blotch at the base of each petal. The compact plants are smothered with bloom.

Flash. 15 in. Mahogany red flowers with golden yellow margins.

Naughty Marietta. 12 in. Similar in color to Dainty Marietta but slightly taller.

Red Head. 12 in. Crested center of golden petals with maroon tips, surrounded by petals of rich mahogany changing to auburn and later to bronze and gold.

Sunny. 15 in. Bright yellow flowers with cerise markings at base of petals.

Dwarf French Single Mixed. All colors in this class.

Prices above 7, each: ⅛ oz.....**25c** ¼ oz.....**40c** 1 oz.....**\$1.50** 4 oz.....**\$5.00**

MARIGOLD TAGETES (Signata Pumila)

Lulu. The first real yellow in the Tagetes type. A very compact dome shaped, free flowering plant, growing about 7 inches tall with dainty, lacy foliage. Small, single 5-petaled lemon yellow flowers. 1/16 oz.....**30c** ⅛ oz.....**55c** ¼ oz.....**\$1.00** 1 oz.....**\$3.00**

Ursula Improved (Golden Gem). Extremely uniform, 7 in. high. Single golden yellow flowers with orange eye. 1/16 oz.....**30c** ⅛ oz.....**55c** ¼ oz.....**\$1.00** 1 oz.....**\$3.00**

WINTER FLOWERING MARIGOLDS

Lieb's Brown and Gold. Sow late summer or early fall. 1/16 oz.....**40c** ¼ oz.....**\$1.25** 1 oz.....**\$4.25**

Colorado Sunshine. Double butter yellow Carnation type flowers, 3-4 in. across. This variety is also excellent for outdoor growing during the summer months.

1/16 oz.....**40c** ⅛ oz.....**70c** ¼ oz.....**\$1.25** 1 oz.....**\$4.25**

MARVEL OF PERU (Mirabilis Jalapa)

Four O'Clocks Mixed. 350 S. 1 oz.....**30c** 4 oz.....**\$1.00** 1 lb.....**\$3.50**

MESEMBRYANTHEMUM

Criniflorum (Livingstone Daisy). 1,100,000 S. Likes full sun. Delightful shades, spreading habit. Ideal carpet, rockery or edging plant. 1/16 oz.....**35c** ⅛ oz.....**60c** ¼ oz.....**\$1.00** 1 oz.....**\$3.25**

Crystallinum (Ice Plant). 6 in. Small, pinkish white flowers. Foliage covered with ice-like crystals. Fine for dry sandy places. 1/16 oz.....**25c** ⅛ oz.....**40c** ¼ oz.....**75c** 1 oz.....**\$2.25**

MICROSPERMA

Golden Tassel. 800,000 S. 9 in. Fine for pots. Trumpet-shaped bright golden yellow flowers, 2-in. across. Foliage similar to that of Primula Chinensis. 1/256 oz.....**\$1.25**

MIGNONETTE

True Machet. 30,000 S. Special selected stock. Finest greenhouse strain. Fragrant. Sow in January for spring cutting. ⅛ oz.....**25c** ¼ oz.....**45c** 1 oz.....**\$1.50**

MIMOSA

Pudica (Sensitive Plant). 4500 S. ⅛ oz.....**30c** ¼ oz.....**50c** 1 oz.....**\$1.75**

MIMULUS

Moshatus (Musk Plant). 700,000 S. Yellow flowers. Tr. Pkt.....	25c	1/32 oz.....	50c	1/16 oz.....	\$1.00
Tigrinus Grandiflorus "Queen's Prize" . (Monkey Flower). 12 in. Large, spotted flowers in attractive shades. Tr. Pkt.....	25c	1/8 oz.....	60c	1/4 oz.....	\$1.00
Tigrinus "Bonfire" . Large flowers of a fiery orange-red with coppery gullet. Tr. Pkt.....					85c

MOONFLOWER — MORNING GLORY — CARDINAL CLIMBER — CYPRESS VINE

See "IPOMOEAE" — page 25 — CONVULVULUS — page 19

MYOSOTIS (Forget-Me-Not)

Ball Early . 44,000 S. Popular blue Forget-Me-Not for late winter and spring blooming. Sow December/January. Free flowering. Tr. Pkt.....	35c	1/4 oz.....	85c	1 oz.....	\$3.00
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NAEGELIA (TEMPLE BELLS)

Art Shades (20,000 S. per 1/64 oz.). Large flowered varieties in beautiful shades of pink, red, yellow and orange with spotted throats. Slender tubular flowers, Gloxinia-like foliage. An attractive pot plant. Culture same as that of Gloxinias. Tr. Pkt.....	\$1.50	1/128 oz.....	\$4.50
Zebrina Success . Fiery vermilion-red, long, bell-shaped flowers, golden gullet with red dots. The rich and compact grouping of the flowers is particularly attractive. The dark green marbled leaves have a very decorative effect. Tr. Pkt.....			\$2.00

NASTURTIUM

DOUBLE GLEAM TYPE . 190 S. Fine for cutting or window boxes.	1 oz.	1/4 lb.	1 lb.
Golden Gleam Orange Gleam Scarlet Gleam Gleam Mixture.....	\$0.35	\$1.20	\$4.00
DWARF DOUBLE GEM TYPE . 12-15 in. high. Fully as double and large as the Gleam type, but of a very dwarf compact, rounded growth.			
Cherry Rose. Bright color Golden Globe. Golden yellow			
Scarlet Globe. Fiery scarlet Mixture. All colors.....	.40	1.40	4.50
SINGLE VARIETIES.			
Dwarf or Bush. Mixture of gorgeous colors.....	.30	.95	3.25
Tall Climbing or Trailing. Fordhook Favorites Tall Mixed.....	.30	.95	3.25

NEMESIA

Dwarf "Carnival" Mixed . 90,000 S. Large flowers in a brilliant color range on base branching compact plants, 9 inches high. Fine for spring combination use				
1/16 oz.....	35c	1/8 oz.....	60c	1/4 oz.....
			\$1.00	1 oz.....
				\$3.60

NICOTIANA

(200,000 s. per oz.)

	Tr. Pkt.	1/4 oz.	1 oz.
Affinis White . Tall and large flowered.....	\$0.20	\$0.35	\$1.00
Affinis Crimson Bedder . Compact growth. Deep crimson red.....	.30	.50	1.75
*Affinis White Bedder . A new, dwarf companion to the above, 15 inches high	.35	.75	2.75
Affinis Hybrids . Well-balanced mixture in the tall large flowering type.....	.20	.35	1.00
*Daylight . Pure white blooms remain fully open all day. Bushy plants, reaching a height of 1 1/2 to 2 ft.....	.25	.50	2.00
*Sensation Mixed . (Daylight Strain). Fragrant flowers that remain open all day. Wide range of colorings. Plants are bushy in habit, 24 in. high, making them ideal for bedding.....	.25	.50	1.75

NIEREMBERGIA

Hippomanica . 5,500 s. per 1/32 oz. 8 in. Of uniform, dwarf and compact growth with bright lavender blue flowers. Fine bedding plant for slight shade as well as open sun.				
Tr. Pkt.....	35c	1/32 oz.....	\$1.10	1/16 oz.....
				\$2.00
				\$3.90
Purple Robe . Deep violet-blue flowers. It represents a great improvement over Hippomanica.				
Tr. Pkt.....	50c	1/64 oz.....	\$1.00	1/32 oz.....
			\$1.75	1/16 oz.....
				\$3.00

NIGELLA

Miss Jekyll (Love-in-a-Mist). 11,000 S. 18 in. Cornflower-blue.				
Tr. Pkt.....	20c	1/4 oz.....	30c	1 oz.....
				\$1.00

PANSIES

WINTER FLOWERING —Greenhouse strain. Sow in July or August for winter and early spring crop. Long stemmed variety for cut flowers.				
1/32 oz.....	75c	1/16 oz.....	\$1.40	1/8 oz.....
				\$2.60
				\$5.00

PANSIES

(20,000 S. per ounce)

STEELE'S QUALITY PANSY. (Originator's seed)®

JUMBO MIXED. One of the largest flowering Pansies and the most superior color blend.

1/32 oz.....\$1.00 1/16 oz.....\$1.90 1/8 oz.....\$3.40 1/4 oz.....\$6.10 1/2 oz.....\$10.35 1 oz.....\$16.55

JUMBO BEACONSFIELD Upper petals rich lavender, lower deep violet. No blotch.

1/32 oz.....\$1.00 1/16 oz.....\$1.80 1/8 oz.....\$3.25 1/4 oz.....\$5.85 1/2 oz.....\$9.90 1 oz.....\$15.85

MADAME STEELE. Rich velvety royal purple of huge size and heavy substance.

1/32 oz.....\$1.00 1/16 oz.....\$1.80 1/8 oz.....\$3.25 1/4 oz.....\$5.85 1/2 oz.....\$9.90 1 oz.....\$15.85

MOON MOTH. The largest pure white Pansy. Dark blue pencil markings radiate from the center, many showing a yellow blotch on the lower petal.

1/32 oz.....\$1.50 1/16 oz.....\$3.00 1/8 oz.....\$5.40 1/4 oz.....\$9.75 1/2 oz.....\$16.50 1 oz.....\$26.40

PAY DIRT. The largest golden yellow. Resistant to summer heat.

1/32 oz.....\$1.50 1/16 oz.....\$2.85 1/8 oz.....\$5.10 1/4 oz.....\$9.20 1/2 oz.....\$15.60 1 oz.....\$25.00

BUTTERFLY HYBRIDS. Beautiful, unusual pastel shades of pink, rose, apricot, buff, orchid, orange, salmon, yellow, pale gold and many others. Ruffled 2½ to 3 in. flowers.

1/32 oz.....\$1.00 1/16 oz.....\$1.60 1/8 oz.....\$2.90 1/4 oz.....\$5.20 1/2 oz.....\$8.85 1 oz.....\$14.15

KING SIZE MIXED. A brand new and superlative Pansy mixture with exactly the characteristics that appeal most to market growers. Husky plants that come in to bloom with Swiss Giants. Flowers are giant in size, much larger than Swiss Giants. Colors include combinations of mahogany and bronze, mahogany and gold, mahogany and yellow, mahogany and red, violet and white, violet and cream and a substantial amount of raspberry-rose.

Tr. Pkt.....\$1.00 1/16 oz.....\$2.00 1/8 oz.....\$3.50 1/4 oz.....\$6.00 1 oz.....\$22.00

AMERICA. Special Florist's Strain. Very free flowering mixture with medium-sized ruffled flowers; very bright. Dwarf and extra early. **Ideal Bedding or Basket Pansy.**

1/16 oz.....60c 1/8 oz.....\$1.00 1/4 oz.....\$1.75 1 oz.....\$6.00 2 oz.....\$10.00

AMSTERDAM GIANT. Extremely early flowering strain. Large flowers, 3 to 4 in. across. Very popular in Europe and along our east coast. Tr. Pkt., 75c; 1/8 oz., \$1.20; 1/4 oz., \$2.25; 1 oz., \$7.50**CANADIAN GIANTS "Super Maple Leaf".** Huge flowers of characteristically "Canadian" blotching and color range on plants with very vigorous and heavy foliage, but compact.

Tr. Pkt.....\$1.00 1/8 oz.....\$1.75 1/4 oz.....\$3.25 1 oz.....\$11.00

CLEAR CRYSTALS. A new, early flowering strain with slightly ruffled flowers nearly the size of the Swiss Giants. Blooming time is between the Winter Flowering or Hiemalis type and the Swiss Giants. Excellent color range of red, orange, purple, lilac, yellow, white and true blue—all without the dark blotch. Fine for gardeners who dislike blotched Pansies.

Tr. Pkt.....\$1.00 1/4 oz.....\$2.00 1 oz.....\$7.50

COLORADO SENSATION. A compact, broad-leaved strain with an abundance of extra large blooms that are ruffled and stand erect on good, strong stems. Sensational color range including gorgeous shades of red, bronze, purple, yellow, pastels and fascinating shaded colorings.

Tr. Pkt.....\$1.00 1/8 oz.....\$2.00 1/4 oz.....\$3.50 1 oz.....\$12.00

COLOR CARNIVAL. The finest American-bred Pansy to compete on a quality basis with the finest Swiss originator's types. A magnificent color range. Flower size is exceptionally large, plants are compact yet vigorous. All blooms are blotched, giving a depth of color and brilliancy.

1/32 oz.....\$1.15 1/16 oz.....\$2.00 1/8 oz.....\$3.75 1/4 oz.....\$7.00 1 oz.....\$22.00

ENGELMANN'S GIANT. Originator's Seed. Excellent mixture of real Giants. Huge flowers, choice bedding and cut flower strain; early flowering.

1/16 oz.....\$1.75 1/8 oz.....\$3.00 1/4 oz.....\$5.00 1/2 oz.....\$9.00 1 oz.....\$17.75

FELIX. Rich and unusual mixture of well ruffled, good sized flowers carried on fairly dwarf plants. Each flower is marked with the dark "whiskers", which gives an indeed striking effect.

Tr. Pkt.....75c 1/4 oz.....\$2.25 1/2 oz.....\$4.25 1 oz.....\$8.00

MASQUERADE, F₂ Hybrid. Derived from the famous **Oregon Jumbo** type. Vari-colored in typical Jumbo combinations of yellow, blue, violet, pinkish mauve; earlier than **Color Carnival**. Highly recommended where there is a demand for very early flowering plants, together with largest flower size.

Tr. Pkt.....\$1.00 1/8 oz.....\$2.50 1/4 oz.....\$4.75 1 oz.....\$17.50

OREGON GIANTS. The large ruffled flowers of heavy texture on long stems have a delicate fragrance and come in all shades and coloring.

Tr. Pkt.....\$1.00 1/8 oz.....\$2.00 1/4 oz.....\$4.00 1 oz.....\$12.00



ROGGLI PANSY SEED

ROGGLI'S GENUINE ORIGINAL PANSY SEED. Do not confuse with so-called "Roggli" strains offered. Demand the Genuine which bears the copyrighted "ROGGLI" Trade-Mark. Once this strain is tried is it always used.

Alpengluhn. Mahogany-red w. darker eye.

Altels. Rich brown tone, darker eye.

Blumlisalp. Beautiful Pink-carmine.

Gemmi. Rich purple w. white edge.

Jungfrau. Wonderful pure White.

Niesen. Yellow and brownish red.

Each: 1/16 oz.....\$2.00 1/8 oz.....\$3.50 1/4 oz.....\$6.25 1/2 oz.....\$11.70 1 oz.....\$22.00

Berna. Dark Violet without eye.

Eiger. Dark Yellow w. dark eye.

Hohenfeuer. Beautiful bright Orange-red.

Monch. Improved clear Yellow.

Thunersee. Medium Blue w. dark eye.

Roggli Giant Elite Mixed.

REGULAR STRAIN SEPARATE COLOR SWISS PANSIES. 21,000 S.

Alpenglow. Fiery cardinal-red shades.

Super Beaconsfield. Deep purple, upper petals white, extremely large flowered.

Berna. Dark violet-blue.

Coronation Gold. Clear golden yellow.

Delft Blue. Porcelain-blue.

Jet Black. 80% of the flowers are a true violet black.

Tr. Pkt.....75c 1/8 oz.\$1.75

Giant Orange. Light orange.

Lake of Thun. Medium blue, dark center.

Mt. Blanc. Best pure white.

Paper White. Large, pure white flowers.

True Blue. Deep true blue; extra compact.

Rhinegold. Yellow with dark blotches.

Raspberry Rose. Soft pink with velvety blotch.

Red Wing. Yellow and brownish blotch.

1/4 oz.....\$3.00 1 oz.....\$10.00

MAMMOTH SWISS GIANTS. More compact foliage with larger flowers and better color range than most Swiss Giant strains on the market today.

Tr. Pkt.....75c 1/8 oz.....\$1.75 1/4 oz.....\$3.00 1 oz.....\$10.00 2 oz.....\$18.00

GILLER'S SUPER GIANTS. Large, compact foliage, excellent range of colors; flowers up to 4 in. across under good cultivation.

Tr. Pkt.....75c 1/8 oz.....\$1.50 1/4 oz.....\$2.75 1 oz.....\$9.00 2 oz.....\$16.00

IMPROVED SWISS GIANTS. Exhibition Mixture. A very choice well balanced mixture, including many large-blotched, bronze, brown and maroon shades.

Tr. Pkt. 65c 1/8 oz.....\$1.25 1/4 oz.....\$2.25 1 oz.....\$8.50 2 oz.....\$16.50

PANSY "DWARF SUPER SWISS GIANTS". A reselected strain, being shorter and more compact, color range just as good as that of the Super Swiss.

1/16 oz.....**65c** 1/8 oz.....**\$1.25** 1/4 oz.....**\$2.25** 1 oz.....**\$8.50** 2 oz.....**\$16.50**

SPECIAL MIXTURE of GIANT FLOWERED PANSIES. A mixture of all separate colors of Giant flowered Pansies; mixed after harvest in a well blended proportion. An ideal Pansy strain.

1/16 oz.....**\$1.00** 1/8 oz.....**\$1.75** 1/4 oz.....**\$3.00** 1 oz.....**\$10.00** 2 oz.....**\$17.50**

PANSY "GIANT FORRUNNER" (EARLY GIANTS). ORIGINATOR'S SEED. A very early flowering strain, clear colors without blotch. Size of the flowers is between the Hiemalis and the Swiss Giant Pansies, otherwise same as the Hiemalis or Ice Pansies in earliness and habit of growth.

Celestial. Bright sky blue.

Yellow. Pure golden yellow.

Choice Mixed. A novelty blend.

Dark Blue. Deep violet blue.

White. Pure white.

1/32 oz.....**50c** 1/16 oz.....**85c** 1/8 oz.....**\$1.60** 1/4 oz.....**\$3.00** 1 oz.....**\$10.50**

HIEMALIS or ICE PANSIES. Noted for their extreme earliness, in connection with an unusual hardiness. Flowers are of medium size, well-formed and fragrant.

Blue Boy. Lavender

Claret. Wine-red

Ice King. Silvery white, dark center

Mars. Ultramarine blue, dark eye

Winter Sun. Golden yellow, black eye

Celestial Queen. Sky blue

Helios. Pure yellow

March Beauty. Dark velvety purple

Northpole. Glistening pure white

Choice Mixture. All varieties

1/16 oz.....**50c** 1/8 oz.....**90c** 1/4 oz.....**\$1.60** 1 oz.....**\$6.00**

PASSIFLORA (Passion Flower)

Coerulea. 4000 S. Greenhouse climber with large, blue flowers, 2½ to 3½ inches across, slightly fragrant. Tr. Pkt.....**40c** 1/8 oz.....**75c** 1/4 oz.....**\$1.50** 1 oz.....**\$5.00**

PENTSTEMON (Beard Tongue)

Sensation Mixed. 55,000 S. 2 ft. Miniature Foxglove-like blooms in a fine range of colors. Perennial in warmer climate, but they are easily grown as annuals, much used for bedding or in borders. Sow seed early. Tr. Pkt.....**35c** 1/4 oz.....**\$1.00** 1 oz.....**\$3.25**

Rainbow Choice Mixed. A greatly improved strain of Sensation, a wider and stronger color range to help the trend toward wider use of these increasingly popular flowers for bedding or border use.

1/16 oz.....**40c** 1/8 oz.....**70c** 1/4 oz.....**\$1.25** 1 oz.....**\$4.00**

PERILLA

Frutescens Nankinensis. 20,000 S. Attractive, deep purple foliage something like a Coleus. Excellent in borders as a background, 18 in.

Frutescens Nankinensis "Crispa Compacta". Somewhat more compact than above and foliage with margins crisped or fringed.

Above 2, each; 1/16 oz.....**20c** 1/8 oz.....**35c** 1/4 oz.....**55c** 1 oz.....**\$1.75**

PETUNIAS—All Double

280,000 Seeds per ounce

MULTIFLORA DOUBLES. Medium-sized full-double carnation flowered type blooms cover the dwarf compact plants completely. Much more weather resistant than the Grandiflora All-Doubles and they are gaining favor everywhere.

America Improved. A bright rose-pink, makes a nice pot plant when pinched once.

Cardinal Riches. An outstanding glowing bright scarlet-red, very free blooming.

Cherry Tart. A bright warm rose-pink with sharp pure white variegation, excellent variety.

Honey Bunch. Soft rich salmon pink, 2½ in. double flowers cover the mound-shaped compact plants.

Pink Riches. The ruffled luminous pink flower petals show a delicate lace work over a deeper pink. Full-double flowers 3 in. across completely cover the plants.

White Riches. Pure white flowers. Any place where a mass of white, or a contrast is wanted, this flower combines and lends a beauty of its own.

Above 6, each; ½ Tr. Pkt. (500 seeds).....**\$1.50** Tr. Pkt. (1000 seeds).....**\$2.50** 1/128 oz.....**\$4.50**
1/64 oz.....**\$8.50** 1/32 oz.....**\$16.50** 1/16 oz.....**\$32.00** 1/8 oz.....**\$60.75**

PAN AMERICAN ALL-DOUBLE PETUNIAS: ½ Tr. Pkt. 500 S., Tr. Pkt. 1000 S.

Allegro. Bright deep salmon, scarlet-salmon in bud. Dwarf, yet vigorous and free branching. 100% grandiflora, flowers 3½-4 in. across. Beautifully fringed.

Caprice. Bright rose, dwarf, 100% grandiflora, fringed, fully double, very free blooming. A most popular variety of all double Petunias.

Lyric. Light salmon pink about the color of Maytime. Large, fringed blooms 3-3½ in. across on dwarf compact plants. A wonderful companion for the deep salmon Allegro.

Minuet. Orchid-lavender. Should be pinched to induce branching.

Nocturne. Deep midnight-violet-purple—the deepest color in Petunias. Medium to large, 3-3½ in. flowers, fringed and fully double.

Presto. Rose and White Variegated; resembles "Gaity".

Rhapsody. Deep burgundy wine-purple, dwarf, vigorous, free branching. 100% grandiflora, fully fringed. Finest in its color class.

Sonata. Huge deeply fringed, pure white flowers. 100% large fully double. The finest double white Petunia. Should be pinched to induce branching.

Above 7, each: ½ Tr. Pkt.....	\$2.50	Tr. Pkt.....	\$4.50	1/128 oz.....	\$8.25
1/64 oz.....	\$16.00	1/32 oz.....	\$30.50	1/16 oz.....	\$59.00

All-Double Glorious Mixture. A formula mixture, which contains 25% Allegro, 35% Caprice, 20% Sonata, 10% Rhapsody, 5% Nocturne and 5% Minuet. ½ Tr. Pkt.....\$2.25 Tr. Pkt.....\$4.25
1/128 oz.....\$7.75 1/64 oz.....\$15.00 1/32 oz.....\$28.50 1/16 oz.....\$55.00

Colossal Shades of Rose Improved. Produces huge double blooms on vigorous compact plants in shades of pink and salmon-rose. Make fine 4 to 5 in. pot plants for Easter, Mother's Day and spring combinations.

½ Tr. Pkt.....	\$2.00	Tr. Pkt.....	\$3.50	1/128 oz.....	\$6.50	1/64 oz.....	\$12.25	1/32 oz.....	\$23.50
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CANADIAN ALL-DOUBLES

Canadian Queen. True, medium pink, large, well ruffled flowers are carried nicely above the compact, bushy plants. An excellent, all-around double Petunia.

Cotton Candy. Extra large, fully double flowers of an appealing soft creamy salmon suffused with pink borne in abundance on vigorous but dense plants. Fine for pots or bedding.

Canadian Mixture, Improved. Basically improved by the addition of more fine rose, pink and salmon shades. An excellent All-Double strain.

Each: ½ Tr. Pkt.....	\$2.25	Tr. Pkt.....	\$4.00	1/128 oz.....	\$7.20	1/64 oz.....	\$13.00	1/32 oz.....	\$24.70
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ALL-DOUBLE PETUNIAS "SAKATA'S VICTORIOUS STRAINS"

Attraction Improved. Bright Rose and white combination, large flowers, uniform growth.

Blue Brocade Improved. Large flowers of a rich, velvety violet blue.

Blue Monarch Improved. Solid violet blue. Large, full double flowers. Excellent variety.

Cheerful. Large, 5 in. across, fully double flowers of a most charming soft salmon pink.

Darling. A gay carmine-rose color, 100% large flowering. Very dwarf and compact.

Gaity. Extra dwarf and compact plants with large, well fringed, full double flowers. A bright rose-pink and pure white combination. An excellent Petunia for pots and bedding.

Orchid Beauty. Very large, 5 in. across, full double well fringed flowers of a uniform silvery and lilac blue color with darker veins.

Purple Queen. One of the largest and best of All-Double Petunias. Gigantic, 5 in. across, flowers of perfect form and substance. The most brilliant rich purple, shaded velvety blue.

Rose Shades. Large, full double flowers in pink and rose shades. Plants are of dwarf, vigorous, compact growth and are quite free flowering.

Rosy Carmine Reselected (Pink Perfection or World Beauty). Uniformity of growth and a brighter rose color will increase the popularity of this variety more than ever.

Salmon. A beautiful color which shows some variation in its showy, salmon rose shade.

White Swan. Probably the largest white in All-Double Petunias. Flowers are full double, well fringed and measure 4½ inches across. Excellent for pots and bedding.

Prices above 12, each: ½ Tr. Pkt.....	\$2.00	Tr. Pkt.....	\$3.50	1/128 oz.....	\$6.25
1/64 oz.....	\$11.50	1/32 oz.....	\$21.50	1/16 oz.....	\$39.00

Giant Flowered Victorious All-Double Dwarf Mixed. A balanced blend of the most beautiful colors. Large flowers of perfect form and substance.

½ Tr. Pkt.....	\$1.75	Tr. Pkt.....	\$3.25	1/128 oz.....	\$6.00
1/64 oz.....	\$11.25	1/32 oz.....	\$20.75	1/16 oz.....	\$38.25
				¼ oz.....	\$72.50

ALL-DOUBLE GIANT "FORMULA MIXTURE"

This special mixture contains all the giant double varieties of mixtures plus the addition of separate colors. Made up by ourselves to insure a complete and well-balanced formula mixture of all colors. An excellent double mixture. ½ Tr. Pkt.....\$2.00 Tr. Pkt.....\$3.75
1/128 oz.....\$3.75 1/64 oz.....\$12.50 1/32 oz.....\$24.00 1/16 oz.....\$47.00

F₁ (Genuine)**PETUNIA-Grandiflora Hybrid**

THE LUSTRES. This superior group, beginning with Blue Lustre, is now expanded to the four hybrids listed below. All have waved petals, all have compact, low-growing plants, all produce well under a wide range of climatic conditions.

Blue Lustre. The big waved grandiflora flowers are deep mid-blue in hot weather, becoming almost as dark as Elk's Pride in cool weather. Bushy, uniform plants.

Rose Lustre. A bright rose-pink color unique in its class. Blooms are 3½ in. across, waved and lightly fringed with a light yellow throat.

Salmon Lustre. A beautiful rich salmon pink; free flowering, bushy, uniform plants, which reach a height of 1 ft., spreading 2 ft. across.

Scarlet Lustre. Pictured on back cover. Glowing and vivid scarlet blooms with waved and fringed petal edges and a bright yellow throat make this new grandiflora an instant favorite.

Prices above 4, each: ½ Tr. Pkt.....\$1.50 Tr. Pkt.....\$2.75 1/128 oz.....\$5.00
1/64 oz.....\$9.50 1/32 oz.....\$18.00 1/16 oz.....\$34.00 ⅛ oz.....\$66.50

Black Magic. Large, deep violet purple, nicely fringed flowers. Growth habit is compact, spreading and very vigorous. Extremely free blooming.

Blue Magic. Large, plain-edged flowers of the same medium deep blue color as that of "Admiral" in the dwarf bedding class. Plants are dwarf and compact; extra vigorous.

Calypso. Large flowers, 3 to 3½ inches across of brilliant red and white variegated.

Cavalier. Almost identical to Crusader, except for its color which is a smooth, rich salmon and white variegated, nicely fringed.

Chiffon. Large flowers of a smooth, light pastel pink color that varies slightly in intensity. Possesses all the good qualities of Pink Magic.

Maestro. Bright warm, cerise rose red with a beautiful yellow throat. Similar to the old variety Dazzler, but brighter.

Matador. Deep burgundy-red, large ruffled flowers; truly distinctive.

Maytime. Clear, light salmon-pink with slightly deeper veining. 100% grandiflora blooms, 3½ to 4 inches across. Extremely free flowering.

Pink Cloud. Identical to Prima Donna Improved.

Pink Desire. Large flowers of a clear bright pink that does not fade.

Pink Magic. An outstanding large flowered bright pink. Early and free blooming. Unexcelled for pots, combinations and bedding.

Prima Donna Improved. Very large flowers of a bright rose pink color. The most outstanding Petunia in this color class.

Prix. Very large, bright fiery-scarlet flowers with a pinkish throat. Early and extremely free blooming. An outstanding variety.

Snow Magic. Multitudes of extremely large pure white flowers, 3½ to 4 inches across. Vigorous compact plants of spreading habit.

White Magic. Large, ruffled grandiflora blooms of pure white. Remarkable for its heavy production of flowers, earliness and its dwarf compact growth. Ideal in pots or for bedding.

Above 15, each: ½ Tr. Pkt.....\$1.40 Tr. Pkt.....\$2.50 1/128 oz.....\$4.50
1/64 oz.....\$8.50 1/32 oz.....\$16.25 1/16 oz.....\$31.50 ⅛ oz.....\$60.00

Ballerina. Large, frilled flowers of clear, intense salmon. Habit of growth is compact, uniform and very vigorous. Color holds well under the summer sun.

Blue Lace. Large, ruffled and fringed flowers of a lovely light orchid blue pencilled with deeper violet blue. Vigorous, sturdy plants, free blooming, weather resistant.

Crusader. Large, fringed flowers, gaily striped bright rose pink on pure white. Very striking effect, varying with season. Plants are uniformly dwarf and compact.

Fire Dance. Large, deeply fringed flowers of a brilliant scarlet with golden throat.

La Paloma. Large, well fringed flowers of purest white with yellow throat. Plants grow very uniform and remarkably vigorous. Sown Dec. 1, La Paloma makes a gorgeously beautiful Easter pot plant. An outstanding Petunia for pots, beds and window boxes.

Lavender Lace. Heavily fringed large flowers of a bright rosy orchid lavender with deeper heliotrope veins. Compact, bushy plants, very free blooming and weather resistant.

Sabre Dance. Huge, ruffled flowers variegated bright crimson and white, mostly with white star pattern. Very striking. Of dwarf, compact and very vigorous growth.

Tango. Large, deeply fringed, bright deep scarlet-salmon flowers on plants that are uniformly dwarf and base-branching. Tango is still one of the most popular reds.

Toreador. Huge, slightly ruffled blooms of a bright, deep, velvety crimson-red are carried on uniform, compact plants. Color is like that of **King Henry** or **Velvet Ball**.

Ballet Mixed. A carefully blended mixture of all of the above Pan-American large flowered, plain-edged, fringed and ruffled F₁ Hybrids.

Above 10, each: ½ Tr. Pkt.....\$1.35 Tr. Pkt.....\$2.40 1/128 oz.....\$4.25
1/64 oz.....\$8.25 1/32 oz.....\$15.50 1/16 oz.....\$30.00 ⅛ oz.....\$58.00

F₁ HYBRID GRANDIFLORA PETUNIA — (Continued)

CASCADE SERIES. A completely new class of F₁ Hybrid Grandiflora Petunias which is very early flowering. The extremely large flowers measure up to 4 or 5 inches across. Perfect for window boxes, tubs and urns as well as for bedding, pots and combinations.

Pink Cascade. Smooth, bright clear pink. The most free flowering of all Grandifloras.

Red Cascade. A profusion of large, fiery bright scarlet-red flowers.

White Cascade. Purest paper white, very outstanding, flowers of grand size.

Fandango. Rich violet blue and white variegated, 3½ to 4½ inch flowers, early and free blooming. Fine for beds, borders, pots and window boxes. Good for contrasts.

Above 4, each:	½ Tr. Pkt.	\$1.50	Tr. Pkt.	\$2.75	1/128 oz.	\$4.75
	1/64 oz.	\$8.75	1/32 oz.	\$16.75	1/16 oz.	\$32.00
					½ oz.	\$60.75

SAKATA'S JAPANESE-GROWN F₁ HYBRID GRANDIFLORA PETUNIAS

GYPSY. A beautiful bicolor of scarlet with white stars. Fair sized flowers on dwarf and compact plants.

NORTHERN SUNRISE. Color comparable to Fire Gleam, but with more reddish shade. Large fringed flowers, 3½ in. across on dwarf, compact plants about 10 in. high.

RED ENSIGN. Large plain edged bright scarlet-red flowers, very showy. Growth somewhat erect, but dwarf. Especially recommended for the brightness of its color.

RED CHIEF. Plain-edged large flowers in deep red color, a little lighter than "Fire Chief" in the multiflora class. Dwarf plants of vigorous growth and very free blooming.

ROSE BEAUTY. Large, fringed flowers of a deep bright rose. Dwarf, vigorous and very free flowering. One of the best in this class.

ROSE VEIL. A distinct new color, white or blush pink ground with fine rose veins. Fairly large, fringed flowers on dwarf and vigorous plants. A pleasing color.

SCARLET FLAME. Large, fringed, bright scarlet flowers with yellow throat. Plants are of good dwarf habit. Early and very free blooming.

SPRING SONG. Large, salmon pink, slightly fringed flowers on very dwarf uniform plants of vigorous growth and highly rain resistant. Earlier flowering than either Maytime or Fairyland and the flowers are much larger than Fairyland.

SUNGLEAM. An improved Fire Gleam. A deeper salmon scarlet color, like Tango. The plain-edged or slightly fringed, large flowers appear early on dwarf, compact plants.

VESUVIOUS. An intense red shade between Red Ensign and Red Chief in color. Large, semi-fringed flowers are borne on dwarf, vigorous plants; very uniform in color and habit of growth.

Prices above 10, each:	½ Tr. Pkt.	\$1.00	Tr. Pkt.	\$1.75	1/128 oz.	\$3.50
	1/64 oz.	\$6.50	1/32 oz.	\$12.00	1/16 oz.	\$20.00

Blue Mantle. 100% large, beautifully waved flowers of rich velvety violet blue throughout. Plants are dwarf, compact and very uniform.

Bonfire. The most dazzling deep salmon scarlet with golden throat. 100% grandiflora flowers, 3 inches across, are borne in great profusion on dwarf, compact and very uniform growing plants. One of the most popular hybrid varieties.

Exquisite Improved. Large flowers in bicolor of scarlet and white. The contrasting color is exceedingly regular or just as regular as one can expect from grandiflora Petunias. Flowers are slightly fringed and 100% grandiflora.

Fairyland. Most flowers are nicely fringed and 100% grandiflora. A pleasing light salmon pink color which is very uniform. Height not more than 8 inches. Really a gem.

Fire Gleam. Large fringed flowers, 3 to 3½ inches across. The Salmon-scarlet of "Tango", just slightly lighter. Height 10 inches. 100% grandiflora and a very popular variety.

Flirt. Large flowers, full 3 inches across of a **Clear Pink** color. Robust and compact plants, about 9 inches in height. Withstands adverse weather much more than other varieties. 100% grandiflora.

Glamour Improved. Another bicolored dwarf grandiflora Petunia of good merit. Bright crimson and white; markings are fairly regular. Blooms are slightly fringed and 100% grandiflora. Dwarf, compact and very vigorous.

Minstrel "Blue and White". Large, plain-edged blue and white variegated flowers on dwarf and uniform plants. A fine companion to Crusader, Exquisite or Glamour.

Modesty. Large, ruffled and fringed (100% grandiflora) flowers of a soft lilac blue to silver blue. A vigorous grower, fairly dwarf and compact, about 11 inches in height. Recommended for pots, beds and borders. Pictured on page 70.

Pink Charm. Fairly large (3 inches across) flowers of a pleasing carmine rose color. Robust but dwarf compact growth not more than 8 inches. Being marvelous both in color and habit of growth this variety has created a great deal of popularity.

Pink Empress. NEW. Large, salmon-rose, fringed flowers on dwarf, vigorous plants, blooming profusely. One of the best pinks for bedding, pots, etc.

Purple Robe. Rich purple color, otherwise very similar to Bonfire in general habit of growth as well as shape of flowers, which are waved and produced in great profusion. A nice companion to "Bonfire".

Prices above 12, each:	½ Tr. Pkt.	\$1.00	Tr. Pkt.	\$1.75	1/128 oz.	\$3.25
	1/64 oz.	\$6.00	1/32 oz.	\$11.00	1/16 oz.	\$20.00
					½ oz.	\$36.00

SAKATA'S - F₁ HYBRID GRANDIFLORA PETUNIAS — (Continued)

Psyche. Large, well fringed, clear steel blue flowers with heavier veining. Perfectly uniform in color and habit of growth. 100% grandiflora.

Rosamond. Large, waved flowers of a rich rose color, somewhat similar to "Prima Donna". Robust grower, fine for bedding and pots. Recommended for the sake of dwarf habit as well as for its beautiful color.

Ruby King. A 100% large flowered, fringed Petunia of a brilliant tyrian rose color. Very desirable dwarf growing habit with plenty of hybrid vigor.

Snow Cap. Very large, pure white flowers just like "Popcorn" but 100% Grandiflora. Dwarf and vigorous in growth. One of the best large flowering whites.

Snow Lady. Well fringed, very large pure white flowers. Taking the earliness of flowering and form of flower, dwarf growth as well as vigor etc. Snow Lady is one of the few best fringed white Petunias ever introduced. 100% large flowered.

Springtime. NEW. Flowers are quite large and fringed of a beautiful salmon-pink color, brighter than that of "Fairyland". Plants are dwarf, free blooming and vigorous.

Prices above 6, each: ½ Tr. Pkt. \$1.00 Tr. Pkt. \$1.75 1/128 oz. \$3.25
1/64 oz. \$6.00 1/32 oz. \$11.00 1/16 oz. \$20.00 ⅛ oz. \$36.00

Sakata's Color Parade. A first class mixture of F₁ Hybrid Grandifloras. See inside front cover for picture, prices and description.

F₂ HYBRID GRANDIFLORA PETUNIA

Carnival. Wide color range in vigorous grandiflora type, about 80% of the large blooms are fringed, waved or ruffled.

Symphony. Brilliant, fascinating color combination blended from individual crops of the best F₁ Hybrid Petunias. Large flowers of plain-edged, waved, fringed and ruffled.

Prices above 2, each: Tr. Pkt. 75c 1/64 oz. \$1.50 1/32 oz. \$2.85
1/16 oz. \$5.25 ⅛ oz. \$10.00 ¼ oz. \$18.50 ½ oz. \$35.00

BINGO (Inbred). Huge flowers, up to 5 in. across, richly variegated wine-red and white. About half of the plants are somewhat small flowered (3 inches), but they are equally colorful.

Excellent for combination boxes or bedding. ½ Tr. Pkt. 85c Tr. Pkt. \$1.50
1/128 oz. \$2.50 1/64 oz. \$4.50 1/32 oz. \$8.00 1/16 oz. \$14.00

PETUNIAS—DWARF GIANTS OF CALIFORNIA

Huge Giants of California flowers, beautifully ruffled and fringed with open well marked throats on dwarf, sturdy plants especially bred for pot culture.

F₁ Hybrid "Can Can Mixed". The extra dwarf compact plants produce huge blooms in brilliant colors. A vigorous grower with an exceptionally long blooming season; unexcelled for bedding plant sales in flats or pots. ½ Tr. Pkt. \$2.25 Tr. Pkt. \$4.00
1/128 oz. \$7.50 1/64 oz. \$14.00 1/32 oz. \$26.00

F₁ Hybrid "Dwarf Giants of California Mixed". Sakata's Strain. Very large flowers on dwarf compact plants, wonderful color range. Remarkable hybrid vigor. ½ Tr. Pkt. \$2.00
Tr. Pkt. \$3.50 1/128 oz. \$6.00 1/64 oz. \$11.00 1/32 oz. \$20.00

Ramona Dark Shades. Including salmon and wine-red shades with dark veined throats and occasional white bicolor markings.

Ramona Dark & Light Shades. Bright colors, predominately rose and red, balance pink and lavender, some bicolors with veined dark throats.

Masterpiece. A select strain of the best and brightest colors. Seed saved from hand pollinating, blooms and then made into a beautiful blend according to a well tried formula. Suitable for your most critical trade.

Above 3, each: Tr. Pkt. \$1.25; 1/64 oz. \$2.50; 1/32 oz. \$4.75; 1/16 oz. \$9.00; ⅛ oz. \$17.25; ¼ oz. \$33.00

Extra Dwarf Giants. (Superdwarfs). Giant flowers having the ultimate in dwarf habit. Bred strictly for pots and combinations. The finest uniformly dwarf strain for spring pots, and for bedding. Beautiful colors of red, rose and pink, about 50% bicolored. Tr. Pkt. \$1.25 1/64 oz. \$2.75
1/32 oz. \$5.00 1/16 oz. \$9.50 ⅛ oz. \$18.00 ¼ oz. \$34.00

Extra Dwarf Giants "Rose and White Bicolor". A separate color as used in the above strain with the same desirable dwarf and early flowering habit. ½ Tr. Pkt. 85c Tr. Pkt. \$1.50
1/64 oz. \$2.75 1/32 oz. \$5.00 1/16 oz. \$9.50 ⅛ oz. \$18.00

LARGE FLOWERED FRINGED PETUNIAS

Fringed Snowstorm. Glistening white with faint gold throat, heavily fringed flowers, freely produced on dwarf, compact plants. Fine for pots or bedding.

Theodosia Improved. Fine large, heavily fringed flowers of brilliant rose-pink with golden yellow throat. Still a favorite for pots and bedding.

Fringed Large Flowered Mixed. A fine mixture of the best large flowered fringed varieties.

Super Fluffy Ruffles. Heavily fringed and frilled large flowers in bright colors. Profuse blooming, a choice Petunia for home gardens.

Prices above 4, each: Tr. Pkt.....85c 1/64 oz.....\$1.75 1/32 oz.....\$3.25 1/16 oz.....\$5.75

DWARF ERFURT PETUNIAS "HAND-POLLINATED, POT-GROWN SEED"

Beautifully fringed flowers on extra dwarf and compact plants—Excellent for pots and bedding.

	Tr. Pkt.	1/64 oz.	1/32 oz.
Blue Butterfly (Blauer Falter). Deeply fringed; velvety dark blue.....	\$1.00	\$2.75	\$5.00
Carmencita. Deep scarlet salmon, almost a true scarlet orange; deeply fringed flowers on dwarf compact plants.....	1.25	3.00	5.75
Gaily (Frohsinn.) Rose-pink and white combination, deeply fringed.....	1.00	2.75	5.00
Lace Veil (Spitzenchleier). Finely fringed, pure white.....	1.00	2.75	5.00
Setting Sun (Abendsonne). Brilliant rose deeply fringed flowers.....	1.00	2.75	5.00
*Dwarf Erfurt Fringed Mixed. Our own formula mixture of above colors.....	1.00	2.50	4.75

GRANDIFLORA SINGLE PLAIN EDGED

Free flowering 12-16 inch plants, some varieties spreading, others compact. Many plain-edged flowers of heavy substance and velvet texture. Prime favorite for florists.

Burgundy. Wine-red with large white throat, well ruffled.

Dazzler. Large flowers in brilliant scarlet with gold throat; compact 10 to 12 in. plants.

Dwarf Pink Glory Improved. Large, bright rose flowers with white throat; compact 12 in. plants.

Elk's Pride Dwarf. Largest, darkest and best velvety purple. Uniform compact growth.

Flaming Velvet or Ruffled Velvet. Large, ruffled flowers of a velvety blood red color; compact.

Royalty. Large ruffled flowers of rich purple with white star.

Snowstorm Improved. Large flowered, well known white Petunia still in great demand.

White Queen. Large, wavy, pure white flowers. Of vigorous growth. An outstanding white.

Prices above 8, each: Tr. Pkt.....85c 1/64 oz.....\$1.75 1/32 oz.....\$3.25
1/16 oz.....\$5.75 1/8 oz.....\$11.00 1/4 oz.....\$20.00 1/2 oz.....\$35.00

Popcorn. A really dwarf yet vigorous plant with large, wavy pure white flowers similar to Snowstorm. Outstanding for pots, combinations and for bedding.

White Cloud. (Originator's pot-grown seed). Large, wavy, pure white flowers on dwarf, compact, uniform growing plants producing masses of blooms.

Prices above 2, each: Tr. Pkt.....\$1.25 1/64 oz.....\$2.50 1/32 oz.....\$4.75
1/16 oz.....\$9.00 1/8 oz.....\$17.00 1/4 oz.....\$32.00 1/2 oz.....\$60.00

Grandiflora or Large Flowered Mixed. Our own well balanced mixture of all the above varieties with white, purple and pink predominating. Tr. Pkt.....85c 1/64 oz.....\$1.75
1/32 oz.....\$3.25 1/16 oz.....\$5.75 1/8 oz.....\$11.00 1/4 oz.....\$20.00

CALIFORNIA RUFFLED GIANTS

The largest flowers among Petunias, heavily ruffled, with heavy, robust growth. The finest strain for garden use.

***New Horizon.** F₂ and open pollinated types are blended to produce this fine mixture of rare and new colors for this class of Petunia, blooms are tremendous — up to 6 and 7 in. across and are deeply ruffled. 1/2 Tr. Pkt.....\$1.00 Tr. Pkt.....\$1.75 1/64 oz.....\$3.75 1/32 oz.....\$7.00

***Ruffled "Garden Giants".** Start flowering when the plants are extremely small and continue their gorgeous display of large ruffled flowers in bright color combinations throughout the whole summer months. Plants uniformly develop into well-rounded mounds 12-15 in. high.
Tr. Pkt.....\$1.00 1/64 oz.....\$1.75 1/32 oz.....\$3.00 1/16 oz.....\$5.75

***Paramount Giants.** A large flowered, rugged, free flowering mixture of light and dark shades, composed of a range of red and orchid shades with white markings, all veined and ruffled and with some light, some dark throats. Particularly suited to outdoors as will be showy even under adverse conditions. Tr. Pkt., \$1.00; 1/64 oz., \$1.75; 1/32 oz., \$3.25; 1/16 oz., \$6.00; 1/8 oz., \$11.50

Brilliant Mixed. A well balanced mixture of light and dark colors, heavily ruffled and veined. Colors include light salmon, deep salmon, rose shades, orchid shades, crimson, and many bicolors.
Tr. Pkt.....75c 1/64 oz.....\$1.50 1/32 oz.....\$2.75 1/16 oz.....\$5.00

Supreme Florists' Strain. Fine bedding mixture with large, ruffled blooms in delicate shades of rose, pink and salmon, with light throats. Tr. Pkt.....\$1.00 1/64 oz.....\$1.75 1/32 oz.....\$3.00

71 (Genuine) Hybrid Multiflora Petunias

Coral Satin. (All America Winner 1961). Lovely coral-rose, mid-way between Peach and Red Satin. Plants are compact and bloom beautifully right through rainy and windy periods.

Dawn Satin. A soft shade of Neyron rose, a lighter pink than either Pink or Peach Satin. The typical dwarf, compact Satin type plants grow only 12 in. tall, and maintain this habit, covered with bloom, all season long.

Red Satin. The vivid scarlet-red All-America winner in '57 with the persistently dwarf, compact, rounded plants so warmly welcomed by gardeners. Heat and sunshine fail to fade the color.

Pink Satin. Its rounded, compact plant habit, tremendous production of blooms, and excellent rose-pink color all come close to the ideal for this class.

Peach Satin. Large flowers which open first to a coral pink, then changing to an appealingly soft salmon-pink. Plants are well-behaved, compact and carry the will-to-bloom feature so prominent in the best F₁ Hybrids.

Plum Dandy. A very bright, very compelling shade of fuchsia purple. Husky and productive plants about 15 inches tall.

White Satin. Pure white flowers are borne on typical Satin-type plants and have the added feature of a slight crepe effect in the petals. Early blooming and plants preserve its neat appearance to the very end of the season.

Above 7, each:	$\frac{1}{2}$ Tr. Pkt.....	\$1.15	Tr. Pkt.....	\$2.00	1/128 oz.....	\$3.50
	1/64 oz.....	\$6.00	1/32 oz.....	\$10.75	1/16 oz.....	\$20.50
					$\frac{1}{8}$ oz.....	\$38.00

Glitters. 1957 All-America Winner. A brilliant color combination of bright red and white. Very showy.	$\frac{1}{2}$ Tr. Pkt.....	\$1.25	Tr. Pkt.....	\$2.25	1/128 oz.....	\$4.25
	1/64 oz.....	\$7.75	1/32 oz.....	\$15.00	1/16 oz.....	\$29.00
					$\frac{1}{8}$ oz.....	\$55.00

Aztec. Bright scarlet-red with gold throat. A smaller flowered version of Fire Dance, but more vigorous growth with blooms more freely produced. Dwarf, compact plants.

Brass Band. Deepest cream-yellow in this color tone. Very free blooming and highly weather resistant.

Blue Ribbon. Identical in color to the grandiflora Blue Lustre, deep violet-blue. Blooms freely and reliably in all areas.

Cherokee. A deeper rose companion to the pink Venus. Early and free flowering.

Comanche Improved. The world's best known, most popular Petunia. Scarlet red, the deepest red Petunia. Color has been improved. Definitely the reddest red. Dwarf, compact, base-branching plants.

Comet. The most uniformly starred Petunia, bright warm crimson red with a perfect white star. Early and free flowering. Dwarf, compact plants of very vigorous but controlled growth.

Inca. Bright deep cerise-rose with gold throat. Free flowering. Dwarf, compact, base-branching plants.

Jack Frost. When in full bloom "Jack Frost" will remind one of winter's soft blanket for the large, pure white flowers literally smother the plants. Fine for pots and mass planting in beds.

Linda or Silver Medal Improved. The loveliest pastel salmon pink of any Petunia. Bushy plants of great vigor that withstand heavy wind and rain. A favorite bedding Petunia.

Mars. Crimson red as the fiery planet. A more compact version as to color of **King Henry** and **Velvet Ball**.

Mercury. Self non-pencilled, medium light blue, non-fading flowers with light yellowish throat are freely borne on more compact plants, dwarfer than other blues, but with plenty of vigor.

Neptune. Medium, violet-blue flowers on excellent dwarf, compact, but vigorous plants. Free flowering and resistant to adverse weather conditions.

Paleface. Most free blooming multiflora white — now improved and better than ever — dwarfer, whiter, earlier. Paleface is absolutely tops in its class — unexcelled for mass plantings.

Pink Velvet. A nice rose-pink, uniform in color and habit of growth.

Polaris. Deep violet-blue flowers with a very bright outstanding white star. Extremely free blooming. Dwarf, compact plants.

Satellite. Bright rose with perfect white star. Far more brilliant than "Twinkles". Profuse early blooming. Dwarf, compact plants, when in full bloom give a very bright sparkling effect.

Sioux. Deep, intense salmon shading toward red at throat. A color midway between Linda and Comanche. Very uniform, dwarf, compact, spreading plants with plenty of vigor.

Sugar Plum. Sturdy, compact, globe-shaped plants are covered with blooms of a beautiful bright orchid pink, pencilled and shaded rich orchid-purple.

Venus. Clear bright celestial rose pink. The prettiest "pink" to date. Dwarf compact, spreading but vigorous. Early and extremely free flowering.

White Velvet. Clear white with silvery sheen. Uniform habit of growth.

Above 20, each:	$\frac{1}{2}$ Tr. Pkt.....	\$1.00	Tr. Pkt.....	\$1.75	1/128 oz.....	\$3.00
	1/64 oz.....	\$5.50	1/32 oz.....	\$10.00	1/16 oz.....	\$19.25
					$\frac{1}{8}$ oz.....	\$36.50
					$\frac{1}{4}$ oz.....	\$69.50

BLUE SKY. Clear blue, very much similar to Neptune. Perfectly uniform in color and habit of dwarf growth, flowers are freely produced.

STAR MASTER. Most distinct starred Petunia. Large flowers, $2\frac{1}{4}$ in. across of a very deep violet ground color with pure white star, very even. Vigorous, dwarf plants. Early and free blooming.

Above 2, each: $\frac{1}{2}$ Tr. Pkt., **\$1.00;** Tr. Pkt., **\$1.90;** 1/128 oz., **\$3.50;** 1/64 oz., **\$6.00;** 1/32 oz., **\$11.00**

"Sakata's F₁ (Genuine) Hybrid Multiflora Petunias

Autumn Star. Purple with white star like Star Flight, but with larger and more regular star marking. Dwarf, spreading habit. Free Flowering.

Blue Jay. A vigorous dwarf deep blue Petunia. Stands up well against wind and rain.

Bridesmaid. An improved **Rosy Morn** type with hybrid vigor and flower size. Bright rose-pink with pleasing white throat. Dwarf, erect growing plants. Resistant against rain.

Claret Ensign. Brighter colored than "Apache", a deep crimson overlaid with scarlet. Exceedingly vigorous, dwarf and compact plants, which stay in bloom throughout the whole summer.

Cleopatra. Dazzling orange scarlet somewhat like "**Comanche**", slightly lighter shaded but of more crystal-like appearance. On account of the brilliant color the sight on mass planting is most eye-catching. Dwarf, uniform plants of vigorous growth.

Cream Perfection. Fairly large flower of a creamy white color. Free and early blooming.

Fire Bird. An intense orange red with golden throat in order of **Aztec**, but far more vigorous in growth. Very dwarf and compact. An outstanding color.

Glowing Sunset. Fairly large flowers of salmon rose with orange tone. Very effective.

Pinkie. A very good pink, shade deeper than **Pink Beauty**. Highly recommended for its very free flowering habit, extra vigor and ball-shaped plants.

Pink Profusion. One of the best pinks in the multiflora group. Flowers are fairly large in its pleasing clear pink color shaded rose. They are borne in profusion on its dwarf, compact ball-shaped plants.

Rose Gem. Bright rose with white throat. Plants are dwarf in habit and free blooming.

Rose Star. Pink with white star; color is slightly brighter than that of "**Twinkles**", plants are just as dwarf with plenty of hybrid vigor.

Scarlet Gem. A brilliant scarlet red color like that of **Comanche**. Plants are very dwarf and compact and free flowering. An excellent Petunia for bedding.

Snow Ball. Extra dwarf, ball-shaped plants with pure white flowers. Extremely free blooming.

Snow Girl. Medium, large, snow white flowers on dwarf, shapely plants. Slightly taller than Snow Ball, but larger flowered; blooms continuously.

Space Star. NEW. A striking color, bright rose red with white star. The beautiful star marks are quite regular and uniform. Plants are dwarf and compact and of fairly vigorous growth. A lovely Petunia which is bright and gay.

Star Gem. Extra dwarf ball-shaped plants. Color is just like **Twinkles**, slightly deeper, but Star Gem is far more vigorous and withstands rain quite satisfactorily. One of the best in this class.

Star of India. Somewhat resembles **Elk's Star** or **Star Flight** but more of crimson ground color instead of purple. The white markings and color as well as habit of plants is quite uniform.

STAR TROPHY. Far larger in flower size than our formerly **Blue Star** and probably the dwarfiest in this color group. Uniform white stars on rich deep blue ground.

Sunrise Glory. New color of coral red. Flowers are quite large and plants are of a fairly dwarf growth. Highly recommended at the Royal Horticultural Society in 1959.

Velvet Glow. Velvety crimson, shaded purple like **Velvet Ball**. Keeps its color fairly well. Plants are dwarf and free blooming.

White Harmony. One of the best white. Fairly large pure white flowers in profusion are carried on very dwarf, yet vigorous plants.

Prices above 22, each: ½ Tr. Pkt.....	85c	Tr. Pkt.....	\$1.50	1/128 oz.....	\$2.75
1/64 oz.....	\$5.00	1/32 oz.....	\$9.50	1/16 oz.....	\$17.50
				¼ oz.....	\$30.00

Brilliancy. Brilliant crimson red with carmine shade. A fine bright red "Sakata" grown hybrid. Of compact, vigorous growth with fairly large flowers.

Ophelia. Bright salmon rose just like "**Sioux**", also uniform in its gay color. Very free flowering.

Pink Beauty. Beautiful, silvery pink in the way of "First Lady", richer in color and darker toward center. Dwarf, compact, most vigorous grower and very free blooming.

Star Flight (Elk's Star Improved). Deep velvety crimson with white star. Star marking is quite uniform. Plants are of dwarf, compact and vigorous growth.

Prices above 4. Tr. Pkt., \$1.00; 1/128 oz., \$2.25; 1/64 oz., \$4.25; 1/32 oz., \$8.00; 1/16 oz., \$15.00

POW WOW MIXED. A carefully blended formula mixture of F₁ Hybrid Multiflora Petunias.

½ Tr. Pkt., 80c; Tr. Pkt., \$1.50; 1/128 oz., \$2.75; 1/64 oz., \$5.00; 1/32 oz., \$9.50; 1/16 oz., \$17.50

F₂ HYBRID MULTIFLORA PETUNIAS

Moonstone. (Nearest to yellow). Multiflora type flowers of light ivory-yellow are freely produced on vigorous, bush plants. Tr. Pkt.....75c 1/128 oz.....\$1.25 1/32 oz.....\$3.50 1/16 oz.....\$6.50

Confetti. A mixture produced from exclusive Bodger F₁ Hybrids. This new F₂ brings extra vigor and extra quantities of bloom into the dwarf bedding Petunia class.

Colorama. A mixture of Dwarf Bedding F₂ Hybrids with uniformly large blooms 2½ to 3 ins. across, also very uniform in height and plant spread.

F₂ MULTIFLORA "STARS and STRIPES". A formula mixture of a fine range of colors with star markings, including Glitters, Habit and growth of plants are exceedingly uniform.

Above 3, each: 1/32 oz.....50c 1/16 oz.....90c ¼ oz.....\$1.75 ½ oz.....\$3.00 1 oz.....\$8.00

DWARF RUFFLED PETUNIAS

Little Giants Mixed. Very compact plants completely covered for a long season with well-ruffled flowers in all shades. Ideal for pots, combinations as well as bedding.

Tr. Pkt.....65c 1/64 oz.....\$1.25 1/32 oz.....\$2.25 1/16 oz.....\$4.00

Martha Washington. Ruffled, lavender-pink flowers with veined throat on dwarf and compact, bushy plants. Tr. Pkt.....75c 1/64 oz.....\$1.50 1/32 oz.....\$2.75 1/16 oz.....\$5.00

BALCONY PETUNIAS

Crimson Rose Violet Blue White Mixture. Each: 1/32 oz.....35c 1/8 oz.....\$1.15

DWARF BEDDING PETUNIAS

Admiral Improved. Most attractive clear blue Petunia for pots and bedding. Plants are dwarf and compact, uniform in color and growth. Nice medium large flowers, slightly waved.

1/128 oz.....75c 1/64 oz.....\$1.40 1/32 oz.....\$2.50 1/16 oz.....\$4.75 1/8 oz.....\$9.00

Alderman. Deep violet-blue. 1/32 oz.....30c 1/8 oz.....90c 1/4 oz.....\$1.70

Blue Bedder Improved. Early flowering mid-blue. 1/16 oz.....35c 1/4 oz.....\$1.25 1 oz.....\$4.20

Celestial Rose Improved. A reselected strain of the well known Celestial Rose. Extra dwarf and compact plants with fiery rose flowers; very effective.

1/32 oz.....30c 1/8 oz.....\$1.00 1/4 oz.....\$1.75 1 oz.....\$3.00

Celestial Rose Improved (Himmelsroeschen). Pot-grown seed imported from Germany. Fiery brilliant rose, the very best in this class.

1/64 oz.....75c 1/32 oz.....\$1.25 1/16 oz.....\$2.25 1/8 oz.....\$4.00 1/4 oz.....\$7.00

Celestial Queen. Pot-grown seed imported from Germany. Same as the above, except for color which is a brilliant carmine pink, a shade darker than Himmelsroeschen.

1/64 oz.....75c 1/32 oz.....\$1.25 1/16 oz.....\$2.25 1/8 oz.....\$4.00 1/4 oz.....\$7.00

Cheerful. Clear light pink. 1/64 oz.....40c 1/16 oz.....\$1.35 1/8 oz.....\$2.50

Cockatoo. Dark blue with white edge. 1/64 oz.....35c 1/16 oz.....\$1.25 1/8 oz.....\$2.25

Cream Star. Star-shaped, creamy white. 1/32 oz.....35c 1/8 oz.....\$1.25 1/4 oz.....\$2.25

***Elk's Star.** Deep velvety crimson with white star. Very attractive for bedding, pots or combinations.

1/64 oz.....50c 1/32 oz.....85c 1/16 oz.....\$1.50 1/8 oz.....\$2.75 1/4 oz.....\$5.25

***Fire Chief.** Brilliant scarlet red, an entirely new color in this class. Growth is compact but erect, and the plants are quite free flowering; does not fade.

1/64 oz.....35c 1/32 oz.....65c 1/16 oz.....\$1.25 1/8 oz.....\$2.25 1/4 oz.....\$4.00 1 oz.....\$13.50

Glow. Very intense glowing carmine scarlet. Especially useful for bedding and pot plant work. Outstanding for its brilliant color.

1/32 oz.....45c 1/16 oz.....80c 1/8 oz.....\$1.50 1/4 oz.....\$2.75 1 oz.....\$8.50

Heavenly Blue Reselected. Rich light blue. 1/32 oz.....30c 1/8 oz.....\$1.00 1/4 oz.....\$1.75

***Igloo.** Makes a perfectly rounded mound of medium sized, pure white flowers.

1/32 oz.....30c 1/16 oz.....55c 1/8 oz.....\$1.00 1/4 oz.....\$1.75 1 oz.....\$6.25

King Henry. Large, deep velvety wine-red flowers. Ideal for spring pot plants.

1/128 oz.....40c 1/64 oz.....75c 1/32 oz.....\$1.40 1/16 oz.....\$2.65 1/8 oz.....\$5.00

***Lipstick.** Unusual glowing color of carmine rose overlaid with a touch of salmon.

1/64 oz.....40c 1/32 oz.....75c 1/16 oz.....\$1.25 1/8 oz.....\$2.00 1/4 oz.....\$3.75 1 oz.....\$12.00

Peach Red. Rich salmon cerise. 1/128 oz.....40c 1/32 oz.....\$1.50 1/16 oz.....\$2.90

Rosy Morn Select. Pink with white throat. 1/16 oz.....40c 1/4 oz.....\$1.40 1 oz.....\$5.00

Salmon Supreme. Clear salmon-pink. 1/64 oz.....40c 1/32 oz.....75c 1/16 oz.....\$1.45

Sky Chief. Clear pale blue. 1/32 oz.....40c 1/16 oz.....75c 1/8 oz.....\$1.25 1/4 oz.....\$2.25

Snowball Improved. One of the best pure white for bedding. Good sized flowers, exceptionally uniform compact plants. Blooms very freely over a long season.

1/32 oz.....35c 1/16 oz.....60c 1/8 oz.....\$1.00 1/4 oz.....\$1.75 1 oz.....\$5.25 4 oz.....\$16.00

Topaz Queen. Rich, brilliant scarlet rose. 1/16 oz.....50c 1/4 oz.....\$1.65 1 oz.....\$5.50

Twinkles. Bright rose with white star. 1/32 oz.....45c 1/8 oz.....\$1.50 1/4 oz.....\$2.50

Velvet Ball. Velvety blood-red flowers on compact ball-shaped plants.

1/128 oz.....40c 1/64 oz.....75c 1/32 oz.....\$1.40 1/16 oz.....\$2.65 1/8 oz.....\$5.00

Viola cea (Blue Bird). Deep purple. 1/16 oz.....35c 1/8 oz.....65c 1/4 oz.....\$1.20 1 oz.....\$4.25

Special Formula Bedding Mixture. Our own blend of the best and most compact varieties, pleasing colors. 1/32 oz.....30c 1/8 oz.....\$1.00 1/4 oz.....\$1.75 1 oz.....\$5.50

Dwarf Bedding Mixed. Blend of all varieties. 1/16 oz.....40c 1/4 oz.....\$1.40 1 oz.....\$4.25

PETUNIAS—Regular or Tall Hybridas

This vigorous and strong growing class is valuable for bedding in localities where growing conditions are unfavorable.

Howard's Star Improved. Velvety crimson with large white star; medium tall.

General Dodd's. Velvety blood-red flowers.

Exquisite Mixture. A bright mixture of the best varieties in this class.

Above 3, each: Tr. Pkt. 35c 1/8 oz. 70c 1/4 oz. \$1.25 1 oz. \$4.00

PHLOX DRUMMONDI

GRANDIFLORA GIGANTEA. 14,000 S. These tetraploids are stronger growers and larger flowered than the regular Grandifloras.

Glamour (All America Winner 1960). 12-15 in. Delightful rich salmon with darker eye.

1/64 oz. 75c 1/32 oz. \$1.25 1/16 oz. \$2.25 1/8 oz. \$4.00 1/4 oz. \$7.50

Tetra Red. 20 in. Large flowers, 1 3/4 in. across, faintly scented, deep red with tiny contrasting white eye. 1/32 oz. 35c 1/8 oz. \$1.25 1/4 oz. \$2.25

Art Shades Mixture. Large flowered mixture of pastel shades with white eyes.

1/16 oz. 35c 1/8 oz. 60c 1/4 oz. \$1.00 1 oz. \$3.25

GRANDIFLORA—Special Mixture. All colors in this large flowering tall class (15 to 18 in.)

1/8 oz. 30c 1/4 oz. 55c 1 oz. \$2.00

DWARF VARIETIES. 15,000 S. 6-8 inches. Dwarf and compact for low borders.

Fireball (scarlet). **Isabellina** (yellow). **Salmon-Rose.** **Sky Blue** (white eye). **Snowball** (white).

Violet. Each: Tr. Pkt. 40c 1/4 oz. \$1.25 1 oz. \$4.25

Improved Cecily Mixed. Reselected Florist Strain, extra large flowered, beautiful colors.

Tr. Pkt. 40c 1/4 oz. \$1.25 1 oz. \$4.00

Beauty. Dwarf compact plants, 7 inches high, large flowered robust varieties. Excellent for pots, combinations and border planting.

Blue Beauty
Scarlet Beauty

Crimson Beauty
Violet Beauty

Pink Beauty
White Beauty

Salmon Beauty
Beauty Mixed

Above 8, each: Tr. Pkt. 40c 1/8 oz. 75c 1/4 oz. \$1.25 1 oz. \$4.50

Ideal Bedding Mixed. 6 to 8 in. Especially selected for Florists'. Real dwarf and extremely uniform plants. A most striking array of unusually gay and bright color combinations. Well adapted for pot and combination work, excellent for use in the border.

Tr. Pkt. 50c 1/8 oz. \$1.00 1/4 oz. \$1.75 1/2 oz. \$3.25 1 oz. \$5.75

Globe Mixed. Plants are globe or dome shaped and of very uniform and compact growth. Very bright colored mixture.

Tr. Pkt. 50c 1/8 oz. \$1.10 1/4 oz. \$1.90 1/2 oz. \$3.50 1 oz. \$6.50

Globe "Scarlet Ball". 8 in. A pure scarlet-red selection out of the popular Globe mixture.

Tr. Pkt. 50c 1/8 oz. \$1.25 1/4 oz. \$2.25 1 oz. \$8.00

***Twinkle "Dwarf Star Mixed".** (1957 All-America winner). Nicely formed dwarf, compact plants 6 to 7 in. high, with big trusses of star-shaped flowers in a beautiful color range, many are of the eyed sort. Blooms very early in flats. Ideal for pots, beds, borders and combination work.

1/32 oz. 35c 1/16 oz. 60c 1/8 oz. \$1.00 1/4 oz. \$1.75 1/2 oz. \$3.25 1 oz. \$6.00

PLUMBAGO

Capensis. Spikes of rich pale blue, charming climber.

100 seeds 90c 500 seeds \$4.25 1000 seeds \$8.00

POPPY

ICELAND (P. Nudicaule). 174,000 S. For greenhouse forcing. Sow direct either in beds or pots.

Sandford's Giant. Long stems. Brilliant colors. Tr. Pkt. 30c 1/4 oz. \$1.00 1 oz. \$3.50

SHIRLEY (P. Rhoeas). 217,000 S. Freely branching plants 2 1/2 to 3 ft. tall.

Double Finest Mixed. Bright colors. 1/16 oz. 20c 1/4 oz. 60c 1 oz. \$2.00

Single Finest Mixed. All colors. 1/8 oz. 20c 1/4 oz. 35c 1 oz. \$1.00

PORTULACCA

All-Double Mixed. 280,000 S. Excellent quality strain producing huge flowers in a wide range of many brilliant colors. 1/16 oz. 35c 1/8 oz. 65c 1/4 oz. \$1.25 1 oz. \$3.75

Single Jewel. Huge flowers of dazzling crimson.

Tr. Pkt. 35c 1/8 oz. 75c 1/4 oz. \$1.25 1 oz. \$4.00

Single Mixed. Brilliant colors of large flowering sorts. Tr. Pkt. 25c 1/4 oz. 65c 1 oz. \$2.35

PRIMULA OBCONICA

4000 seeds per 1/32 oz. A valuable pot plant for winter and spring.

	Tr. Pkt.	1/64 oz.	1/32 oz.	1/16 oz.
Blood Red. Large blood red flower trusses on stiff stems.....	\$1.25	\$2.50	\$4.75	\$9.00
Better Days. Bright carmine-red.....	1.25	2.50	4.75	9.00
Fasbender Red. Outstanding, one of the best.....	1.25	3.00	5.50	10.00
Greetings from Gmuend (Imp. Pearl of Lower Rhine). Large, salmon-scarlet flowers, very free flowering.....	1.25	3.00	5.50	10.00
Fasbender Blue. Rich blue, large flowers.....	1.25	3.00	5.50	.....
Mohnstein Red. Popular velvety dark red variety.....	1.25	2.50	4.75	9.00
Mueller's Rose. Large flowered pure rose-pink.....	1.25	2.50	4.75	9.00
Red Giant. Largest, glowing red flowers, which are slightly fringed. Solid dwarf bushy plants.....	1.25	3.00	5.50	10.00
Salmon Princess. Dark salmon, blooming abundantly, soft leaves.....	1.25	2.75	5.00	.....
Sky-Blue. (Coerulea or Koenigssee). Clear mid-blue.....	1.25	2.75	5.00	9.75
Violet Blue. Deep, clear violet blue.....	1.25	2.75	5.00	.....
White. (Avalanche). Large, pure white flowers.....	1.25	2.50	4.75	9.00
Wyaston Wonder. Enormous trusses of bright crimson flowers on stiff stems.....	1.25	2.75	5.00	9.50
Formula Mixture. Our own blend of the above colors.....	1.25	2.50	4.75	9.00

PRIMULA MALACOIDES (Baby Primroses)

12,000 seeds per 1/32 oz. Sow seed from May until October for various sizes of blooming pot plants from Christmas on. Sow in sterile soil.

	Tr. Pkt.	1/64 oz.	1/32 oz.
F₂ Hybrid "Luminosa". Brilliant crimson scarlet. Dwarf and compact in growth. Quite uniform in habit and color. An outstanding variety.....	\$1.50	\$4.00	\$7.50
F₂ Hybrid "Snow Giant". Enormous pure white somewhat fringed flowers.....	1.50	4.00	7.50
Ball Lavender. Bright orchid-lavender.....	1.25	2.75	5.00
Blood Red. Deep velvety crimson-red.....	1.25	2.75	5.00
Glory of Riverside. Beautiful salmon-rose. Excellent variety.....	1.25	2.75	5.00
Mrs. Eriksson of Riverside. Glowing rose-red, large flowers.....	1.25	2.75	5.25
New Giant Improved. Large, salmon rose flowers.....	1.25	2.75	5.00
Powderless Maid. Brilliant, velvety crimson-red flowers without powder and with remarkable earliness. Sown in June it can be brought to bloom for Christmas.....	1.50	3.25	6.00
White Giant Imp. Large, pure white flowers; strong stems.....	1.25	2.75	5.25
Formula Mixture. Our own blend of the above varieties.....	1.25	2.75	5.00

PRIMULA CHINENSIS

Approx. 600 seeds per 1/32 oz. Sow from April on for Christmas and later. Fine pot plant and very popular with many retail growers.

Fringed Special Mixed. Very choice assortment of colors.

1/128 oz.....	\$1.10	1/64 oz.....	\$2.00	1/32 oz.....	\$3.50
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PRIMULA KEWENSIS

Gold of Gmuend. Mildew-Resistant. Deep golden yellow flowers. Make nice bushy pot plants when planted 2 or 3 together.

Floribunda Ameliorata (Kewensis Compacta). Mildew-Resistant. Lemon yellow flowers. Planted 3 or 4 into a 4" pot they make very pretty plants for fall, winter and spring sales.

Above 2, each: 1/2 Tr. Pkt.....\$1.00 Tr. Pkt.....\$2.00 1/128 oz.....\$4.00 1/64 oz.....\$7.50

PYRETHRUM

Parthenifolium Aureum. Golden Feather, gold-leaved. 1/8 oz.....20c 1/4 oz.....35c 1 oz.....\$1.00

QUEEN ANNE'S LACE FLOWER

36,000 S. Large heads of Lacy white flowers on 24 inch stems. Nice filler for basket work.

Tr. Pkt.....	20c	1/4 oz.....	35c	1 oz.....	\$1.25
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RICINUS (Castor Bean)

Crimson Spire. 75 S. Almost black stems with large, deep blood-red leaves.

1 oz.....	40c	4 oz.....	\$1.25	1 lb.....	\$4.00
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Zanzibariensis Mixed. 30 S. 1 oz.....30c 4 oz.....\$1.00 1 lb.....\$3.00

ROSES FROM SEED — See page 5.

RUDBECKIA (Coneflower)

Gloriosa Daisy. See page 23.

Harmony Double. 80,000 S. 40 inches. (New). Large (2½ in. across) fully double, ball-like flowers. The dark flower petals with golden tips are lightly twisted and undulated, so that the center of the flower is nearly totally covered. Fine cutflower and easy to grow.

Tr. Pkt.....**35c** ⅓ oz.....**75c** ¼ oz.....**\$1.25** 1 oz.....**\$4.50**

Dwarf Sun (Goldflame). 12 inches. Plants of this dwarf annual Rudbeckia are completely covered with large golden-yellow flowers. Tr. Pkt.....**35c** ⅓ oz.....**60c** ¼ oz.....**\$1.00** 1 oz.....**\$3.50**

SAINTPAULIA (AFRICAN VIOLET)

Hybrids Mixed. 750,000 S. Shades of blue, lilac, pink, etc. Large flowers on bushy and compact plants with dark green leaves. Tr. Pkt. (800 seeds).....**\$2.00**

SALPIGLOSSIS

BOLERO. An F₂ generation mixture, outstanding for flower size, bushiness of growth, vigor and profuseness of bloom in a full color range. Slightly shorter than the Emperor strain.

1/32 oz.....**20c** 1/16 oz.....**35c** ⅓ oz.....**60c** ¼ oz.....**\$1.00** 1 oz.....**\$3.00**

Grandiflora Superbissima. (Emperor) The largest flowered and most beautiful of all. Choice mixture of attractive colors; for summer cutting and spring flowering under glass.

Tr. Pkt.....**25c** ¼ oz.....**40c** 1 oz.....**\$1.50**

SANVITALIA

Procumbens (Creeping Zinnia). 50,000 S. 4-6 in. Excellent low growing border plant with small, double yellow flowers. 1/16 oz.....**25c** ⅓ oz.....**40c** 1 oz.....**\$2.25**

SCABIOSA (Pincushion Flower)

4,500 S. A fine long-stemmed and free flowering. Annual for spring greenhouse or outdoor summer cutting, 2½ to 3 ft. tall.

Blue Moon. Deep lavender-blue.

Oxford Blue. Dark blue.

Loveliness. Deep salmon-pink.

Shasta Improved. Fine pure white.

Giant Flowered Imperial Mixed. An excellent range of colors.

Above 5, each: ⅓ oz.....**35c** ¼ oz.....**60c** 1 oz.....**\$2.00** 4 oz.....**\$6.00**

SCHEFFLERA

Actinophylla. This popular foliage plant is easy to grow from seed, in a temperature of 65-70 degrees it will germinate in about 2 weeks. Loose, sandy, well drained medium soil for sowing and cover seeds ⅓ inch deep. Little or no fertilizer is recommended for the first 8 weeks—water sparingly after plants are about an inch high.

100 seeds.....**50c** 1000 seeds.....**\$4.50** 5000 seeds.....**\$20.00**

SCHIZANTHUS

50,000 S. Bushy plants with butterfly-like flowers. Sow in January for 3 inch blooming plants for spring combinations. A September to November sowing will produce larger pot plants for spring sales. Flowers can also be used in corsages.

***Angel Wings.** A new variety and a great improvement over Dr. Badger's. Has more compact, conical plants of uniform, dwarf character. The blooms all have a distinct gold center contrasting with brighter and deeper colors than Dr. Badger's.

Tr. Pkt.....**50c** 1/16 oz.....**\$1.00** ⅓ oz.....**\$1.75** ¼ oz.....**\$3.00**

Dwarf Masterpiece. Dwarf and compact plants most suitable for pot culture. Medium-sized flowers in beautiful most varied shades. Tr. Pkt.....**50c** 1/16 oz.....**90c** ⅓ oz.....**\$1.50** ¼ oz.....**\$2.75**

Dr. Badger's Improved. Compact plants with many one inch large flowers in beautiful shades.

Tr. Pkt.....**30c** ¼ oz.....**\$1.00** 1 oz.....**\$3.50**

Monarch Strain. An excellent strain of large flowered hybrids.

1/16 oz.....**40c** ⅓ oz.....**70c** ¼ oz.....**\$1.35**

SHAMROCK

True Irish. 38,000 S. Tr. Pkt.....**20c** ¼ oz.....**35c** 1 oz.....**\$1.20**

SMILAX

Asparagoides. 4,000 S. Popular greenhouse climber. Tr. Pkt.....**40c** ¼ oz.....**75c** 1 oz.....**\$2.50**

Myrtifolia. Handsome shining foliage, pretty pot trellis, fine to cut. 100 seeds.....**75c** 500 seeds.....**\$3.50**

SALVIA

7,500 seeds per oz. Varieties are listed according to their flowering dates, earliest first in each group.
 DWARF. 8 to 15 inches. Tr. Pkt. ¼ oz. 1 oz. 4 oz.

Salmon Pygmy. 8 in. Salmon-pink version of Scarlet Pygmy; very even habit and free flowering.....	½ oz. \$2.00	1.00	\$3.75	\$13.00	\$.....
Scarlet Pygmy. 8 in. Extra dwarf, plants are nicely rounded coming into bloom a week or 10 days ahead of Fireworks. Exceptionally fine for pots and flats.....	½ oz. \$1.50	1.00	2.85	10.00	35.00
Baltzer's White. Very low and compact, white flowering companion to Scarlet Pygmy	½ oz. \$2.50	1.00	4.75	15.50	.....
Fireworks. 10 in. Extra Early Timed. Comes into flower more uniformly early than St. John's Fire. Fine for pots and flats	½ oz. \$1.50	1.00	2.75	9.50	33.50
Pink Rouge. 10 in. Extra Early Timed. A new color in Salvias, a deep purplish pink, quite different than the usual scarlet red. Uniform dwarf habit and plants start blooming when but a few inches in height.....	½ oz. \$1.50	1.00	2.75	10.00	35.00
Purple Blaze. 12 in. Dark violet-purple. Similar in habit and season to Blaze of Fire.....	½ oz. \$1.20	.75	2.25	7.25	.....
St. John's Fire. 10-12 in. The most popular early dwarf red. Extremely free-flowering.....	½ oz. \$1.25	.75	2.50	8.50	25.00
Blaze of Fire. 14-15 in. Closely follows St. John's Fire in flowering		.75	2.00	7.00	22.00
Magic Fire. 12-14 in. Blooms with Blaze of Fire, very vigorous growth		.60	1.75	5.75	18.00
Hot Jazz. 14 in. Tightly packed spikes in great numbers of dazzling scarlet on dwarf bushy plants with glossy deep green foliage. One among the earliest to bloom. ½ oz., \$1.00		.75	2.00	6.00	18.00

MEDIUM. 16-20 in.

Fireball. 16 in. A very satisfactory early and free-flowering strain		.50	1.25	4.50	15.00
Firebrand. 16-18 in. Starts blooming in early July and keeps on throughout the summer		.75	2.00	7.00	22.50
Harbinger. 16-18 in. A very early flowering most desirable scarlet variety		.50	1.50	5.50	18.00
America (Globe of Fire). 18-20 in. Very popular variety; succeeds Firebrand in flowering.....	\$0.50		\$1.50	\$5.00	\$15.00
Rose Flame. 20 in. Rich coral pink, blooms with America.....	.60		1.75	5.50	.....
Rocket. 20 in. A very early scarlet, somewhat taller than Hot Jazz.		.50	1.50	5.00	15.00

TALL. 24-30 in.

Bonfire (Clara Bedman). 26 in. Dark green foliage, erect habit	.50	1.25	4.50	15.00	
Extra Early Flowering Bonfire. 24 in. Very even growing and flowers about 10 days earlier than regular Bonfire.....	.50	1.50	5.00	16.00	
Splendens. 30 in. Tall growing scarlet.....	.40	1.25	4.00	12.50	
Maroon Prince. 36 in. Long violet-purple spikes.....	.50	1.50	5.00	.....	

OTHER SALVIAS

Farinacea Blue Spike. 24,000 S. Long, very strong spikes densely set with violet-blue flowers. 1/32 oz. ....45c 1/16 oz. ....85c ½ oz. ....\$1.50			2.75	9.00	.....
Farinacea Blue Bedder. 3 ft. 24,000 S. Deep blue with long stems for cutting.....	.35	1.20	4.00	.....	
Farinacea White Bedder. 3 ft. Pure white.....	.50	1.50	5.00	.....	
Microphylla. BABY SALVIA. 25,000 S. Grows dwarf and compact with olive-green foliage, closely imbricated. A profusion of pretty carmine blossoms open from white-bracted buds. Makes a splendid everblooming pot plant. ½ oz.	\$1.50	.50	2.75	.....	.....

SALVIA horminum

Pink Sundae. An attractive new Salvia producing brilliant rose-pink leaves at the end of each branch much in the same manner as Poinsettia Bracts. The habit of the plant is a compact-bushy type which makes it very suitable in beds and borders. Also as a cutflower it has proved to be highly valuable. Height 24 inches.

Blue Bird. Counterpart to **Pink Sundae**. The leave bracts are colored and the longer spikes are of a deep blue color.

Above 2, each: 1/16 oz.30c ¼ oz.90c 1 oz.\$3.25

SNAPDRAGON

OUTDOOR SNAPS — For Spring Plant Sales. 220,000 seeds per oz.

NEW SNAPDRAGON "TORCH" — see page 1 — novelties.

F₁ HYBRID "VACATIONLAND". Earlier blooming than the Rocket varieties. Excellent Snaps for outdoor cutflower use — freedom of bloom, comeback crops, long spikes, long firm stems and great vigor.

Glacier. White.	Grand Canyon. Pink	Great Smoky. Lavender.	Las Vegas. Bronze.
Sequoia. Red.	Sun Valley. Yellow.	Waikiki. Rose.	Vacationland Mixture.

Prices above 8, each: Tr. Pkt. (500 seeds).....	\$1.75	1/128 oz.....	\$2.75	1/64 oz.....	\$5.25
1/32 oz.....	\$10.00	1/16 oz.....	\$19.00	1/8 oz.....	\$36.00
				1/4 oz.....	\$68.50

F₁ HYBRID "ROCKETS". (All-America Winners in 1960).

Far superior to other garden types. Bred especially for heat resistance and summer bloom. Winter hardy in milder climates. Sow early and set early for best results. Long, closely-set spikes on strong stems, 30 to 36 inches tall. Base branching upright. Bloom again when cut correctly.

Red	Rose	Pink	Bronze	Orchid	Yellow	White	Rocket Mixture
Prices above 8, each: Tr. Pkt.	\$1.50	1/128 oz.....	\$2.75	1/64 oz.....	\$5.00		
1/32 oz.....	\$9.50	1/16 oz.....	\$18.50	1/8 oz.....	\$35.00	1/4 oz.....	\$67.50

"SAKATA'S" F₁ HYBRID SNAPS. These F₁ hybrids, originated by the well-known Japanese grower T. Sakata, are also well adapted for bedding use and should be handled just like the above Rocket varieties. Remarkable hybrid vigor; they bloom continuously from spring to frost. Early sowing is essential.

Canary Yellow. Good heavy spikes.	Golden Yellow. Deeper in color than Canary Yellow.
Creamy White. Long, sturdy spikes.	Lavender. Uniform lavender, heavy long spikes.
Orchid. Cattleya orchid color.	Pink. Clear pink, one of the best.
Red. Bright red with heavy spikes.	Rose. Bright rose with long spikes.
White. Almost pure white.	Formula Mixture. Blend of above varieties.

Prices above 10, each: Tr. Pkt. (500 seeds).....	\$1.00	1/128 oz.....	\$1.75	1/64 oz.....	\$3.00
1/32 oz.....	\$5.00	1/16 oz.....	\$9.00	1/8 oz.....	\$16.50
				1/4 oz.....	\$31.50

F₁ HYBRID NANUM "SPRITES". These new series are ideal for mass beds, since they require no staking. Habit of growth is very uniform, plants grow about 16 inches tall and come into bloom early, they have a wealth of vigorous base branches and produce spikes of ample magnitude for cut flowers.

Cherry Sprite. The most brilliant bright cherry rose color in snapdragons.
Crimson Sprite. Deep crimson-red florets, dark green foliage. Very outstanding.
Scarlet Sprite. The most intense, brilliant fiery scarlet imaginable.
White Sprite. Pure white with just a touch of yellow at the flower center.
Yellow Sprite. Clear canary yellow florets. The earliest in bloom of all the Sprites.
United Sprites. Formula blend of all the Sprite colors including pink and golden orange.

Prices above 6, each: Tr. Pkt. (500 seeds).....	\$1.50	1/128 oz.....	\$2.75	1/64 oz.....	\$5.00
1/32 oz.....	\$9.00	1/16 oz.....	\$16.00	1/8 oz.....	\$30.00
				1/4 oz.....	\$57.50

BURPEE'S SUPREME F₁ HYBRID "DOUBLE" SNAPS. These summer-flowering Snapdragons are characterized by **fully double flowers** borne on long tapering spikes. Vigorous growth and healthy; dark foliage make them superior bedding plants. Excellent for cutting because of their strong stems and long-lasting flowers, which are waved and ruffled. 2 ft.

Highlife. Cream colored flowers with yellow lip, long tapered spikes.
Super Jet. A clear refreshing mid-yellow, healthy dark foliage, long spikes.
Vanguard. (All America Bronze Medal Winner). Full spikes of rich cerise-rose flowers.
Venus. A clear soft pink with a yellow lip, long tapered spikes.
Supreme, Mixed Colors. A lovely combination of the above separate varieties.

Above 5, each: Tr. Pkt. (500 seeds)....	\$1.40	1/128 oz.....	\$2.50	1/64 oz.....	\$4.50	1/32 oz.....	\$8.50
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NEW SNAPDRAGON "LOVE LETTERS". Originated by the well-known plant breeder "Darold Decker in California". A beautiful, **dwarf Snap**, only **10 to 12 in. in height**. Each plant will produce **dozens** of surprisingly large flower spikes, much the same size as the tall giant types. Because of its cross-bred heritage it is extra vigorous, also highly rust-resistant. **Love Letters** is well adapted for large, low mass plantings. A **mixture** of every color known to Snapdragons, about 50% will be in sharp, pleasing contrasty bi-colors.

1/64 oz.....	25c	1/32 oz.....	40c	1/16 oz.....	75c	1/8 oz.....	\$1.25	1/4 oz.....	\$2.25	1 oz.....	\$8.25
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F₂ HYBRID "PANORAMA" SNAPS. Bred to withstand the hot dry Mid-continent and Eastern summers. Large individual florets are closely spaced on giant spikes which are ideal for cutting. Robust, healthy, free blooming plants. F₂ Hybrids are carefully produced from F₁ Hybrid parents and possess most of the desirable vigor of a true F₁ Hybrid, but at a lower seed cost.

Red	Rose Pink	Yellow Gold	White	Lavender	Bronze
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Panorama Mixed. A formula mixture of F₂ generation seed.

Prices above 7, each: Tr. Pkt.....	50c	1/8 oz.....	\$1.25	1/4 oz.....	\$2.00	1 oz.....	\$6.00
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F₂ HYBRID "MARDI GRAS" MIXTURE. Combines the advantages of earliness with hybrid vigor for long spikes and the extreme color range possible only by the precise application of the F₂ breeding method. In a good sized planting one can count at least 20 colors and color combinations.

Tr. Pkt.....	35c	1/8 oz.....	60c	1/4 oz.....	\$1.00	1 oz.....	\$3.75	4 oz.....	\$13.75
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BURPEE'S EXTRA EARLY HYBRIDS Mixed. Come into bloom very early. Colors from dark red, cherry, crimson, rose-pink to light pink, lavender, golden yellow to primrose, white and many other shades. Large flowers, nicely spaced on well formed spikes. Excellent for cutting, 2 ft.

Tr. Pkt.....	35c	1/8 oz.....	\$1.00	1/4 oz.....	\$1.50	1 oz.....	\$5.00	4 oz.....	\$18.00
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BURPEE'S "TIP TOP" MAXIMUM GIANT RUST-RESISTANT. Long, tall spikes which are robust yet graceful. Especially good for home gardens, both for garden display and as cut flowers. They are of uniform habit and come into bloom quite evenly at one time. 4 ft. tall.

Tip Top Mixed. 1/32 oz.....	35c	1/16 oz.....	60c	1/8 oz.....	\$1.00	1/4 oz.....	\$1.75	1 oz.....	\$5.75
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TETRAPLOID SNAPS

Tetra Crimson. Very large, deep but bright, velvety crimson flowers closely set on long, broad, tapering spikes above the dark green, thick textured foliage.

Tetra Orchid. Rich orchid-purple with yellow blotch.

Tetra Light Pink. A salmon shade of pink with white tube.

Tetra Rose Shades. Blend of clear, deep shades of rose.

Tetra Sunset Shades (Talisman Hybrids), blend of bronze, gold, pink, primrose, scarlet and orange.

Tetra White. Excellent clear white.

Tetra Yellow. Huge spikes and large florets, tall, base-branching bright yellow.

Prices above 7, each: 1/32 oz.....	40c	1/16 oz.....	75c	1/8 oz.....	\$1.25	1/4 oz.....	\$2.25	1 oz.....	\$8.00
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Giant Ruffled "Tetra" Superfine Mixture. Erect and husky growth with huge ruffled florets in many colors and bicolors. Glossy, dark green foliage.

1/32 oz.....	35c	1/16 oz.....	60c	1/8 oz.....	\$1.00	1/4 oz.....	\$1.75	1 oz.....	\$6.25
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MAXIMUM. Rust Resistant Garden Snaps. Giant flowering, long stemmed.

Alaska. (Shasta). Pure white.

Appleblossom. Rose pink, white tube.

Campfire. Luminous scarlet.

Canary Bird. Canary yellow.

Cherry Rose. Deep brilliant cherry rose.

Maximum Rust Resistant Mixed. Our own formula blend of above colors.

Copper Queen. Burnished copper.

Crimson (Padre). Glossy crimson, dark stems.

Loveliness. Pure soft rose pink.

Rosalie. Bright deep rose.

Yellow Giant. Deep canary yellow.

Prices above 11, each: 1/16 oz.....	35c	1/8 oz.....	60c	1/4 oz.....	\$1.00	1 oz.....	\$3.00	4 oz.....	\$9.00
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Velvet Giant. Deep velvet red. Not a Tetra but looks like one. Tremendous vigor and size.

Excellent for cutting. Tr. Pkt.....	40c	1/8 oz.....	80c	1/4 oz.....	\$1.50	1 oz.....	\$5.00
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SUPER MAJESTIC, Rust Resistant Mixed. A medium tall class of base-branching plants with heavy compact spikes of large blooms. Excellent for both garden and cut flowers.

Tr. Pkt.....	30c	1/8 oz.....	60c	1/4 oz.....	\$1.00	1 oz.....	\$3.90
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UNIVERSITY OF CALIFORNIA, Tall Rust Resistant Mixed. Excellent color blend. Long stems and large flowers. Tr. Pkt.....

20c	1/8 oz.....	40c	1/4 oz.....	75c	1 oz.....	\$2.75	4 oz.....	\$9.00
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MALMAISON TYPE SNAPDRAGONS — DWARF (Nanum Grandiflorum). Compact plants of medium height for bedding, flower very freely.

Avalanche. Pure white.

Black Prince. Deepest crimson, dark foliage.

Golden Monarch. Rich golden yellow.

Malmaison. Deep silvery pink.

Nelrose. Soft silvery pink.

Red Chief. Bright scarlet.

Royal Cerise. Bright cerise-carmine

Royal Rose. Rich deep rose.

St. George. Flashing orange-cerise.

Welcome. Deep brilliant-crimson.

Formula Mixture of above colors.

Prices above 11, each: 1/32 oz.....	25c	1/16 oz.....	40c	1/8 oz.....	70c	1/4 oz.....	\$1.25	1 oz.....	\$4.00
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TOM THUMB. Magic Carpet. Very attractive, extremely dwarf mixture; highly recommended for rock gardens; very uniform in height, 5-6 in. 1/32 oz.....

25c	1/8 oz.....	75c	1/4 oz.....	\$1.25
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TOM THUMB. Super Mixture. Dwarf, compact bushy plants, very uniform in height, 8 inches, completely covered with big flowers of exceptionally blazing colors.

1/32 oz.....	30c	1/16 oz.....	50c	1/8 oz.....	85c	1/4 oz.....	\$1.50	1 oz.....	\$5.50
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"SAKATA'S" ALL-DOUBLE FLOWERING SNAPDRAGONS

Suitable for both **INDOOR** and **OUTDOOR** culture. For greenhouse flowering during winter and spring they should be sown early, preferably from July through September. To obtain maximum results, they require more spacing, more sunlight and fertilizer than single types. When properly grown, the beautiful sturdy, long spikes covered with large double flowers is something you cannot find in singles. For summer flowering outdoors, winter sowing is recommended (February and early March). If sown in late spring they tend to be short spiked with less flowers.

All-Double Bronze. 100% double flowering, beautiful salmon pink with tint of bronze. Looks beautiful under artificial light.

All-Double Crimson. 100% double flowering crimson red.

All-Double Pure White. 100% double flowering pure white.

All-Double Rose Pink. 100% double flowering rose-pink. One of the most fascinating colors.

All-Double Yellow. 100% double flowering canary yellow.

All-Double Formula Mixed Colors. A blend of above colors.

Above 6, each: Tr. Pkt. (500 seeds).....\$1.50 1/128 oz.....\$2.75 1/64 oz.....\$5.25 1/32 oz.....\$10.00

SNAPDRAGONS FOR GREENHOUSE FORCING

WINTER AND EARLY SPRING VARIETIES — ORIGINATOR'S SEEDS —

PAPER WHITE and IVORY WHITE

Albion. Winter and Spring paper-white with long tapering spikes and graceful bud development. Provides a good continuity of white following White Knight and Ohio by 10-14 days.

Apollo. Late Winter and spring ivory white, a vigorous improvement over Margaret. Flowers with Native Dancer, Twenty Grand and New York.

Citation. An ivory white considered the best all round winter white which displays large ruffled florets with compact spacing on long spikes.

Margaret. INBRED. An ivory white with exceptionally stiff stem, almost no side growth. For winter and early spring. Trade packet **\$2.25**.

Maryland White. A winter flowering paper-white with a long compact spike and large bold florets. Has an excellent strong stem and small leaves.

Ohio. Winter and early spring excellent paper-white. Florets are compactly spaced and shatterproof. Fast and efficient in low light, low temperature winter crops.

Pan-American Winter White. Best flowered during the late winter or early spring season (February to March). An extremely strong and vigorous grower with a good stem and good keeping qualities. Color is pure white. One of the finest in its class.

Sierra. Fine pure white. Produces good spikes under mid-winter conditions.

Snowman. Excellent pure white. The most widely grown pure white for early spring.

Spartan White. Mid-winter, early and late spring. Clean growing, pure white, shatter resistant.

Twenty Grand. Ivory white for late winter and spring. Ruffled, upright, compact, florets. Long, gracefully tapered spike. A fine keeper.

White Knight. Pure paper-white. Combines earliness, vigor, purity of color and long spikes to excellent advantage. Tolerant of low temperatures and quite shatterproof.

YELLOW

Broker's Tip. Late winter and spring. Well known yellow for its heavy, stiff clean and compact flower placement stems.

Doubleloon. Brightest color of all mid-winter yellow Snaps. Long spikes.

Golden Spike. Rich, deep golden yellow with long tapering spikes and close spaced florets. Best yellow for late winter and spring.

Goldrush. A fine golden yellow with a long compact spike and large bold florets. Tall growing and vigorous. Winter and early spring.

Patricia. A rich yellow with full deep yellow lower lip. A vigorous grower with long spikes. For winter and spring.

Swaps. Yellow with large florets, clean hard stems for mid-winter. Comes in with Citation and Wintergreen. Very shatterproof.

Vermont. Winter and early spring. A fine primrose yellow that flowers right along with Citation. Long graceful spikes, clean, hard uniform stems. Well liked by the retail florist.

War Admiral. Excellent medium yellow for mid-winter. Well known and widely grown for its efficient and dependable winter performance.

RED

Cherokee. Early and mid-winter. A true "Christmas" scarlet-red. Long, well formed spikes.

Man-O-War. Mid-winter and early spring. A copper-red with yellow lip.

Maryland Red. A bright crimson red with long, full spike for winter and early spring.

Navajo. Early spring. A bright true red, good sized florets, extra long spike, hard stem.

Priscilla Ann. Early spring. Wine-red florets on long, graceful spike, vigorous grower.

ROSE

- Bridesmaid.** Early spring hybrid. Clear medium rose with long spikes of well placed, large florets.
- Jackpot.** For late winter and spring. Medium deep rose. Firm stems carrying long spikes with exceptionally spaced florets.
- Libby.** Mid-winter. Dark rose pink with very strong stem and vigorous growth.
- Maryland Flamingo.** Mid-winter and early spring. Bright salmon rose, very uniform and productive. Recommended for sowing July 10 through Jan. 15, single stem or pinched culture.
- New Times.** Bright cerise-rose for mid-winter. Medium long spike, fine strong stem.
- Spartan Rose.** Medium deep rose with long heavy spikes. For mid-winter and early spring.
- Treasure Chest.** Mid-winter. Long tapering spikes of medium rose are carried on hard, clean stems. This is really an outstanding variety.
- Wisconsin.** Winter and early spring. A fine deep pink resembling the old Better Times variety. Long tapering spikes and good stems.

LIGHT and MEDIUM PINK

- Anne Marie.** Early spring. Clear medium pink, slightly deeper than Christina and a little later flowering.
- Christina.** Mid-winter and early spring. Well-known, popular light pink.
- Hercules.** Late winter and spring. Beautiful light pink. Long spikes with clean, hard stems.
- Indiana.** Late winter and spring. Light rose pink color similar to the old variety Dorcas Jane. Large florets with ruffled hood on long tapered spikes.
- Maryland Pink Improved.** For mid-winter. A creamy light pink blending well with other colors. Sow in late June and July for winter blooming. A second crop following rapidly. Pinch to four sets of leaves.
- Native Dancer.** Fine for late winter and late fall. One of the best light pinks for early spring. Achieves a new standard for vigor and long spikes. Compact placement of large florets.
- New York.** Winter and early spring. A clear pink, lighter than Wintergreen with a minimum of yellow on the lower lip. Tremendous vigor and earliness, highly shatterproof.
- Pink Ice.** Bright pink with lighter lips. Excellent hard-stem medium variety for early spring and late fall.
- Rebecca.** Mid-winter and early spring. A slightly lighter pink than Christina. Clean strong stem almost no side growth, large florets closely set on stiff heavy stems.
- Spanish Lady.** Mid-winter. An excellent light pink in the Christina class. Hard, clean stems and long, tapering spikes.
- Top Flight.** Early winter. Light rose pink, similar to Christina.
- Whirlaway.** Mid-winter and early spring. A light pink, a little deeper in color than Maryland Pink, brightened by a yellow lip. Large florets are closely spaced on strong stems.
- Wintergreen.** Mid-winter and early spring. A medium rose pink. Combines compact, long spikes with stiff, grass-free stems. Fast and efficient. One of the best.

BRONZE

- Barbara.** Early spring. Large florets with bright bronze lip and pink throat. Vigorous grower.
- Cavalcade.** Mid-winter and early spring. Lively golden orange that has few equals for uniform production of long tapered spikes.
- Coronado.** Vigorous and uniform, medium honey-bronze for winter flowering.
- El Dorado.** Light bronze hybrid for winter and early spring.
- Gallant Fox.** Winter and early spring. Deep orange bronze, earlier than Barbara, vigorous grower. Compact placement of large florets.
- Jubilee.** A pleasing light apricot bronze with a long compact spike and large florets. Plant a little farther apart than average for best results. Sow in late June and July for winter blooming.
- Maryland Orange.** Early mid-season orange. Close placed florets on long spike.

LAVENDER and PURPLE

- Lavender Lady.** Early Spring. A deep rosy lavender shade with excellent spike and stem.
- Maine.** Winter and early spring. Rich purple coming into flower with Citation.
- Maryland Lavender.** Late winter and spring. A clear light orchid lavender. Large individual florets, heavy close spike. Good for both single stem and pinched crops.

PRICES ON ALL FORCING SNAPDRAGONS: ½ Tr. Pkt. (1000 s.)....\$2.25 Tr. Pkt. (2000 s.)....\$4.00

SNAPS — STANDARD VARIETIES for GREENHOUSE CULTURE

- Cheviot Maid Supreme.** Clear rose-pink.
- Klondyke Supreme.** Dark yellow.
- Peace.** Early flowering pure white.
- Velvet Beauty.** Velvety dark red.

- Ethel.** Bright yellow, medium early.
- Lady Dorothy.** Early, bright rosy bronze.
- Margaret.** All-purpose ivory white.
- Peggy Schumann.** Creamy rose-pink.
- Forcing Mixture.** Formula blend, above varieties.

Prices above 9, each: 1/64 oz.....75c 1/32 oz.....\$1.25 1/16 oz.....\$2.25 ¼ oz.....\$4.00

FORCING SNAPDRAGONS — (Continued)

LATE SPRING — SUMMER — and EARLY FALL VARIETIES

Snapdragons approaching winter quality can be grown in greenhouses during June, July, August and September. Direct planted and grown single stem, they flower in a little over 2 months from benching.

- Arizona** (Summer). A lavender hybrid which in color resembles the Spring variety Lavender Lady (deep rosy lavender). Vigor is high, spikes are long and gracefully tapered. The large florets, long spikes and vigorous habit contribute to significant improvement over Rockwood's Lavender.
- Colorado** (Late Spring and Fall). Large flowered yellow hybrid. Very uniform and vigorous. Color of Broker's Tip, a shade lighter than Potomac Yellow. Shatterproof and long spikes. Wonderful companion for the white Virginia for late spring and fall.
- Dark Star**. Early Summer, Mid-Summer, Early Fall. Clear deep yellow. Very heat resistant. Uniform, vigorous, clean growth, compact floret spacing.
- Delaware** (Spring and Fall). Ivory white hybrid. Retains and improves for spring and fall flowering the valuable traits of Citation. Floret is larger, stems heavier with very long spikes. Highly shatterproof.
- Florida** (Summer). Vigorous light pink summer hybrid that flowers with Gay Time. A Christina color that is smooth and glistening. Displays superb color retention under high temperature and is highly shatterproof. Spikes are long with compact floret spacing.
- Gay Time**. Early and Mid-Summer, Early Fall. A bright rose pink color that takes heat well. About a week ahead of White Skies and 7-14 days earlier than Summer Jewel.
- June Bride**. The finest pure white for late spring and early fall single stem greenhouse use. Shatterproof, hard, clean stem.
- Kansas** (Fall). Brilliant golden bronze hybrid with color resembling Cavalcade. A vigorous variety with strong stem and long spikes. Florets are large with moderate shatter resistance. The color has real merit especially in the Fall months.
- Kentucky**. (Late Spring and Fall Hybrid). Glorious appleblossom pink. A vigorous, clean stemmed hybrid with the minimum of shatter. The color is lighter than Potomac Pink and flower spikes are found to be much larger.
- Nevada** (Late Spring and Fall). Intense yellow hybrid. Develops a huge floret on vigorous long spikes. Flowers with Kansas and Tennessee. Very valuable in May-June and October-November crops. Color is deeper than Colorado, precedes it by two weeks and provides a fine showy variety to fill a present gap in year round Snap programs.
- Potomac Pink**. May through early October. A quality paper pink, quick growing, vigorous, uniform.
- Potomac Red**. May through early October. Dark Red, quick growing, vigorous, uniform.
- Potomac White**. May through early October. Paper white, strong stem, long, full spike.
- Potomac Yellow**. May through early October. Medium yellow, quick growing, vigorous and uniform.
- Summer Jewel**. Early Summer, Early Fall. Deep pink with large florets, uniform growth, vigorous, hard stem, long spike. Shatterproof.
- Tennessee** (Fall Hybrid). A real deep red, best suited for fall periods when color is in demand. Quite shatterproof with good floret spacing on long uniform spikes. Makes a perfect mate for Kansas for a brilliant fall coloration.
- Texas**. A paper-white for June through September flowering. Stems are strong and clean with no grassy growth. An ideal companion for Florida, flowering right with it.
- Utah**. A pure white spring and fall hybrid for May through June and mid-September through October flowering. Stems are fat and hard with the absolute minimum of lateral growth.
- Virginia** (Late Spring and Fall Hybrid). A vigorous paper white. Long spikes, hard, clean stem with good large florets that are shatterproof. A significant improvement in vigor, production and beauty over existing varieties. Terrific for June.
- White Skies** (Summer). Pure white. Tall and vigorous. Shatterproof.
- Rockwood's Summer Pink No. 2**. Medium pink. For May and June and again Sept./Oct.
- Rockwood's Summer White No. 7**. Excellent pure white. Flowering time same as Pink No. 2.
- Rockwood's Summer Yellow No. 11**. Bright yellow. Same flowering time as above two.
- Prices above Summer Varieties, Each: ½ Tr. Pkt. (1000 s.).....\$2.00 Tr. Pkt. (2000 s.).....\$4.00
- Rockwood's Crystal White No. 2**. The finest shatterproof paper white summer inbred, a big improvement over the regular Crystal White. May and June and again in Sept. and early October flowering. ½ Tr. Pkt. (500 s.).....\$1.75 Tr. Pkt. (1000 s.).....\$3.50

CULTURAL DIRECTIONS for GROWING GREENHOUSE SNAPS

Temperature: A minimum of 60-65 degrees is necessary for germination. Seed should germinate in 3 or 4 days in summer, 7 or 8 days in winter. A night temperature during the normal firing season of 48 to 50 degrees should be maintained to grow good Snaps.

Planting: You may bench seedlings direct if space is available — less labor and better growth. For winter single stem crop space 3x6 inches and 3x5 inches for late spring and summer crops. Pinched crops 7x8 inches. Pinch plants after they have been benched and taken hold, about 8 inches high to leave 3 pairs of leaves.

Sowing Dates — Winter — Spring — Summer — Early Fall varieties

SINGLE STEM — Conditions vary with localities and your own carefully kept growing records will be found invaluable when it comes to making variety selections.

Sow	Bench	Flower	Sow	Bench	Flower
Aug. 5	Aug. 25	Dec. 15	Feb. 15	March 14	June 15
Aug. 20	Sept. 10	Jan. 15	March 2	March 28	June 20
Sept. 5	Oct. 1	Feb. 15	Apr. 4	Apr. 25	July 1
Sept. 20	Oct. 18	March 5	Apr. 25	May 16	July 15
Oct. 10	Nov. 7	March 25	May 10	June 1	Aug. 1
Oct. 25	Nov. 23	April 1	May 25	June 15	Aug. 10
Nov. 10	Dec. 8	April 15	June 15	July 6	Sept. 1
Nov. 20	Dec. 28	May 1	June 25	July 16	Sept. 15
Dec. 28	Jan. 25	May 15	July 5	July 26	Oct. 1
Feb. 1	Feb. 28	June 1	July 15	Aug. 5	Nov. 1

PINCHED CROPS for Winter and Early Spring Flowering. Seed should be sown about a month earlier to have them in bloom according to the above flowering dates given.

SOLANUM—see Christmas Cherries, Christmas Peppers and Love Apple.

STATICE

SINUATA. 350 flower heads per oz. Attractive annuals of easy culture. May be used in the fresh state or dried for everlasting bouquets.

NEW VARIETIES: A greatly improved strain, in color as well as size, which will give a real boost to the popularity of this nice everlasting flower.

American Beauty. Imp. Market Rose.

Gold Coast. Large bright yellow.

Midnight Blue. Deep blue.

Blue Bonnet. Clear sky-blue.

Formula Mixture.

Apricot Pastel Tones. Unusual pastel shades.

Iceberg. Non-fading white.

Roselight. Vigorous, pure rose.

Twilight Lavender. Lavender-blue.

Prices above 9, each: ¼ oz.....35c 1 oz.....\$1.25 4 oz.....\$4.00 1 lb.....\$12.00

Heavenly Blue. Bright, clear sky-blue, **Bonduelli.** Large yellow flowers.

Market Grower's Blue. Deep blue. **Lavender Queen.** Pastel lavender.

Market Rose. Deep warm rose. **Snow White.** Greatly improved white.

Rosea Superba. Rose. **Superb Hybrids Mixed.** Complete color range.

Each: ½ oz.....35c 1 oz.....60c 4 oz.....\$2.00 1 lb.....\$6.00

Suworowii (Russian or Rat-Tail Statice). 12,000 S. Bright rose flowers. Very useful for greenhouse forcing. Tr. Pkt.....30c ¼ oz.....80c 1 oz.....\$3.00

STEVIA

Serrata White. Fragrant, fine cutflower.....Tr. Pkt.....50c ¼ oz.....\$1.25

STOCKS (16,000 S.)

Improved Giant Bismarck (Imperial)

Of branching habit, the large flowers and long stems of this class make it especially desirable for cutting. The Bismarcks are generally superior in earliness and proportion of doubles.

Apple Blossom. Delicate pink.

Elk's Pride. Rich purple.

Lilac. Deep lilac-blue.

Giant Bismarck Mixed. All colors.

Blood-Red. Ruby-red.

Golden Ball. Ivory-yellow.

Rose. Bright rose-pink.

Chamois.

Lavender. Silvery-lilac.

Santa Maria. Best white.

Above 10, each: ⅛ oz.....30c ¼ oz.....50c 1 oz.....\$1.60 4 oz.....\$5.00

STOCKS—(Continued)

Large Flowering Dwarf Ten Weeks

Dwarf, compact, and early; used for bedding and pot plants.

Blood-Red	Bright Pink	Canary-Yellow	Lavender	Purple	White			
Mixture. A superior mixture blended from the brightest colors in this class.								
Above 7, each: Tr. Pkt.		25c	1/8 oz.	40c	1/4 oz.	75c	1 oz.	\$2.50

EARLY CASCADE. A new dwarf non-branching single stem or Column Stock for bedding and cut-flower uses. The sturdy columnar plants average 20 inches in height, coming into bloom 2-3 weeks earlier than the Dwarf Ten Weeks. The long spikes are densely packed with huge, double blooms. Tr. Pkt.....					
35c	1/8 oz.....	60c	1/4 oz.....	\$1.00	1 oz.....\$3.00

TRYSSOMIC STOCK. 18,000 S. Capable of producing 85% double flowering plants, and can be increased up to 100% at the four leaf seedling stage as at this period of growth the young singles are noticeably weaker and can be readily distinguished from the vigorous double flowering plants.

Tryssomic 7 Weeks Mixed. For growing in warmer climates. Plant first throws a central spike of bloom some 6 inches or more in height, then goes to produce numerous side branches throughout its growing period, eventually forming an attractive branching plant from 12 to 15 inches in height. 1/32 oz.....65c 1/16 oz.....\$1.25 1/8 oz.....\$2.25 1/4 oz.....\$4.25 1 oz.....\$16.00

Tryssomic Giant Imperial or Branching. For greenhouse forcing or out-door culture.

Bright Rose	Canary Yellow	Chamois	Fiery Red	Lilac-Lavender
Navy Blue	White	Formula Mixture.	Well balanced blend.	
Each: 1/32 oz.....	65c	1/16 oz.....	\$1.25	1/8 oz.....
			\$2.25	1/4 oz.....
			\$4.25	1 oz.....
				\$16.00

NON-BRANCHING "COLUMN". 16,000 S. These produce one enormous spike 2 to 2½ ft. high. Especially adapted for greenhouse culture. Space 3x6 inches and grow cool — not over 50° at nights.

Two Superb New Column Stocks.

Pacific Yellow. Much earlier than Yellow Wonder, much deeper in color, a bright canary bird Stock. 1/32 oz.....65c 1/16 oz.....\$1.20 1/4 oz.....\$2.75 1/2 oz.....\$5.25 1 oz.....\$10.00

White Goddess. The whitest white and the earliest too; excellent shipper. Originator claims that this is the answer to the confusing number of white Column Stock now on the market.

1/32 oz.....	65c	Tr. Pkt.....	\$1.20	1/4 oz.....	\$2.75	1/2 oz.....	\$5.25	1 oz.....	\$10.00
						1/2 T. Pkt.	1 T. Pkt.	1/4 oz.	1 oz.

American Beauty. Rich deep carmine rose.....	\$0.60	\$1.00	\$2.50	\$9.00
Avalanche. Pure paper white with long strong stems. For greenhouse and outdoor growing.....	.60	1.00	2.50	9.00
Apricot No. 20. Long spikes of rich apricot.....	.60	1.00	2.50	9.00
Ball Blue. Dark lilac blue.....	.60	1.00	2.50	9.00
Ball White Improved No. 16. Medium tall. The finest, early, pure white.....	.60	1.00	2.50	9.00
Ball Supreme No. 22. Long-stemmed rich silvery rose.....	.60	1.00	2.50	9.00
Butterscotch. Creamy yellow, long stems.....	.60	1.00	2.50	9.00
Malmaison Pink No. 7. Long spikes of soft shell-pink.....	.60	1.00	2.50	9.00
Pacific Pink. Pure true pink flowers, lacking lavender cast of other pinks and rose.....	.60	1.00	2.50	9.00
Purple Heart. Long stemmed bright violet purple.....	.60	1.00	2.50	9.00
Ruby Improved No. 8. Dark crimson-red.....	.60	1.00	2.50	9.00
Silvery Lilac. (Lilac-Lavender). The most popular color.....	.60	1.00	2.50	9.00
Special Florist Mixture. Well balanced formula mixture.....	.60	.90	2.25	8.50

STRAWBERRY

Baron Solemacher. Red. Runnerless. Sow in December/January for Mother's Day pot plants. Suggest 3 plants in a 5 inch Azalea pot. Produces berries all summer and fall.

1/64 oz.....	50c	1/32 oz.....	90c	1/16 oz.....	\$1.70
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STREPTOCARPUS (Cape Primrose)

Wiesmoor Hybrids. These new hybrids represent something exceptional, the noble blooms, rich in their forms and colors resemble Orchids. Very showy in pots and excellent for cutting.

Tr. Pkt. (1000 seeds).....	\$1.25	3 Tr. Pkts.....	\$3.25
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SWEET PEAS

EARLY MULTIFLORA GIGANTEA. This new strain will out-class both the Early Winter Flowering and Early Multiflora type. It is a giant flowered, early blooming Sweet Pea, with fragrant waved blossoms properly spaced, usually 6 and often 10, on long extra strong stems. Vines are healthy and vigorous, as early to bloom as the old fashioned early winter flowering type, and with heat resistant qualities. 350 seeds per oz.

Carmen. Carmine rose
Dinah. Maroon purple
Gloria. Deep Rose pink
Lily. White seeded white
Marilyn. Scarlet cerise
Susie. Light salmon pink

Diana. Light rose pink
Eleanor. Mid-blue
Grace. Clear lavender
Margaret. Excellent rose pink
Miranda. Deep crimson
Mixed. A well-balanced blend

Above 12, each: ½ oz.....40c 1 oz.....75c 4 oz.....\$2.75 1 lb.....\$8.75

CUTHBERTSON FLORIBUNDA. Spring Flowering. This class is midway between the Multiflora Gigantea (winter flowering) and Summer types, preferred by most growers for spring greenhouse blooming. Do not sow before October for this purpose. Also widely planted for outdoor use, being a week or two earlier than the Summer class and more heat resistant.

Formula Mixed Colors. A well-balanced mixture to give the widest possible color range in proper proportions. 1 oz.....40c 4 oz.....\$1.50 1 lb.....\$4.50

SUMMER FLOWERING. The standard class for outdoor use. Sow in pots or plant bands in late winter and grow on cool after germination, set out in early spring as soon as soil can be worked.

Silver Gilt Medal Mixed Colors. Blended from a proven and constantly improved formula, this mixture has a signified quality in mixed Sweet Peas for over 40 years.

1 oz.....30c 4 oz.....\$1.10 1 lb.....\$4.00

SWEET PEA

Little Sweetheart. Plants are upright growing and form a perfectly rounded bush 8 inches tall with flowers of the large Spencer type. The compact little plants do not require any support. Blooms early and will continue flowering over a long period. Fine for bedding, borders or pot plant culture. **Mixture** of all colors. ¼ oz.....60c; ½ oz.....\$1.00; 1 oz.....\$1.75; 4 oz.....\$6.50

SWEET WILLIAM — Annual

Single Mixed. 30,000 S. Fine for bedding and cut, plants grow about 15 inches high.

Tr. Pkt.....20c ¼ oz.....35c 1 oz.....\$1.25

*Wee Willie. See Dianthus

TAHOKA DAISY

Beautiful, big lavender-blue Daisy with fern-like foliage. For all summer cutting, in bloom for months. Flowers, carried on good long stems, are many-rayed with long slender petals of pure lavender-blue with yellow center. 1/16 oz.....40c ½ oz.....75c ¼ oz.....\$1.30 1 oz.....\$4.50

OTHER DAISIES: See **Agathe**a (Blue Daisy) — **Dahlborg Daisy** — **Dimorphotheca** (Orange Daisy) — **Gloriosa Daisy** — **Gerbera** (Transvaal Daisy).

THUNBERGIA

Alata (Black Eyed Susan Vine). 1150 S. Moderate-sized vine used as ground cover or low climber, with triangular leaves and 5-petaled tubular flowers in white and orange with dark brown eye.

½ oz.....35c ¼ oz.....60c 1 oz.....\$2.00 4 oz.....\$6.75

Gibsoni. 500 S. Solid, deep orange flowers which are twice the size of Alata.

100 seeds.....\$1.75 250 seeds.....\$4.00

TITHONIA

Torch. A quick-growing summer annual that thrives on hot weather, easy to grow as a Zinnia. Brilliant orange-scarlet flowers; fine for cutting; blooms from August until frost. 2,800 S.

1/16 oz.....35c ½ oz.....65c ¼ oz.....\$1.10 1 oz.....\$4.00

TORENIA

Fournieri Grandiflora. 375,000 S. Deep blue. Fine for spring combination use or for bedding.

Fournieri Compacta. A distinctly compact form of the above.

Fournieri Compacta Alba. Dwarf white.

Each: Tr. Pkt.....40c 1/16 oz.....70c ½ oz.....\$1.25 ¼ oz.....\$2.25

VERBENA GRANDIFLORA (Large Flowering) 10,000 S.

	Tr. Pkt.	¼ oz.	1 oz.
Beauty of Oxford Hybrids. Shades from rose pink to rose red.....	\$0.40	\$1.00	\$3.00
Defiance. Scarlet with white eye.....	.40	1.00	3.00
Ellen Willmott. Extra large, salmon-pink flowers.....	.40	1.00	3.00
Lavender Glory. Clear lavender with creamy eye.....	.40	1.00	3.00
Marilyn. Fiery cerise with scarlet shine, small cream eye, the most radiant color in Verbena.....	.40	1.00	3.00
Royale. Rich deep blue with creamy yellow eye.....	.40	1.00	3.00
Salmon King. Large flowered, clear deep salmon.....	.40	1.00	3.00
Spectrum Red. Intense pure bright red. Very even true strain.....	.40	1.00	3.00
Sutton's Blue. A solid mid-blue with no eye.....	.40	1.00	3.00
White. Large flowered pure white.....	.40	1.00	3.00
Mixture. All large flowering, well balanced.....	.40	.80	2.75

VERBENA—BUSH TYPE (Giant Flowering)

These new "Bush Type" Verbenas rapidly becoming the most popular of all Verbenas. The dense flower heads are closely massed across the flat-topped plants, 8-10 inches high and spreading from 10 to 14 inches.

	Tr. Pkt.	¼ oz.	1 oz.
Firelight. The most vivid red Verbena.....	\$0.50	\$1.00	\$3.50
Roselight. Bright rose pink with white eye.....	.50	1.00	3.50
Salmon Queen. A most pleasing shade of bright salmon-pink.....	.50	1.00	3.50
Starlight. Bright mid-blue with a creamy white eye.....	.50	1.00	3.50
Snow White. Unexcelled as a snowy white ground cover or border plant....	.50	1.00	3.50
Bush Type Blend. In addition to the above, this mixture includes other colors selected from the originator's breeding grounds.....	.45	.85	3.00

VERBENA DWARF UPRIGHT "Rainbow Strain"

New Earliest of all Verbenas, specially developed for the bedding plant trade. A wide and unusual range of colors including mauve, lavender and apricot.

Tr. Pkt.....	50c	¼ oz.....	75c	¼ oz.....	\$1.25	1 oz.....	\$4.50
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DWARF VERBENAS — SPREADING

Calypso. A novelty blend of striped and blotched types in many bright colors.

1/16 oz.....	35c	½ oz.....	65c	¼ oz.....	\$1.25	1 oz.....	\$3.75
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Torrid. Deep red with contrasting white eye. It is heat resistant and blooms freely under trying conditions. Originator's seed. 1/16 oz.....35c ½ oz.....65c ¼ oz.....\$1.25 1 oz.....\$4.25

SPARKLE TYPE. This class of Verbenas is unmatched for a neat, dwarf, compact habit. The plants are completely covered with giant sized florets throughout the entire season.

Crystal. Large flowered, snow-white.

Dazzle. Solid, scarlet-red grandiflora-sized flowers, neat, bushy dwarf habit.

Delight. Coral-pink, suffused salmon, very outstanding.

Sparkle. Bright scarlet-red with large white eye.

Splendor. Royal purple with a clear white eye. A great effect is obtained in mass bedding SPLENDOR with either of the above varieties.

Above 5, each: Tr. Pkt.....	50c	½ oz.....	75c	¼ oz.....	\$1.25	1 oz.....	\$4.50
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Sparkle Mixture. A complete range of brilliant colors, mostly with white eyes.

Tr. Pkt.....	40c	½ oz.....	65c	¼ oz.....	\$1.20	1 oz.....	\$4.25
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Ideal Florist Strain Mixed. Perfect for the bedding plant grower. Early and free flowering. All blooms are of the eyed sort with hundreds of gay color combinations. Low growing, spreading plants. Fine for flat sales. Tr. Pkt.....40c ½ oz.....75c ¼ oz.....\$1.25 1 oz.....\$4.50

VARIOUS VERBENAS

Aubletia. 8 in. Very even compact, globe-shaped plants with violet-red flowers; blooms early in June. 1/16 oz.....30c ½ oz.....50c ¼ oz.....90c 1 oz.....\$3.25

Erinoides (Moss Verbena). 20,000 S. 1 ft. Purplish flowers

Venosa. 40,000 S. 8 to 10 inches. Violet flowers; highly affective in groups.

Venosa Lilacina. Deep lilac flowers, otherwise same as Venosa.

Above 3, each: 1/16 oz.....	30c	½ oz.....	50c	¼ oz.....	85c	1 oz.....	\$2.75
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Bipinnatifida. 18 inches. Fern-leaved. Clusters of blue flowers produced freely from June until November. 1/32 oz.....30c 1/16 oz.....50c ½ oz.....90c ¼ oz.....\$1.75

VINCA (Periwinkle)

COQUETTE (Little Pinkie). 21,000 S. Rose-pink flowers, grows only 10 inches tall, compact, bushy growth; very uniform. Tr. Pkt.40c 1/8 oz.75c 1/4 oz.\$1.25 1 oz.\$4.00

BRIGHT EYE. Same dwarf and compact habit as **Coquette**, but color is a pure white with rose eye. Tr. Pkt.60c 1/8 oz.\$1.20 1/4 oz.\$2.25 1 oz.\$7.50

ROSE CARPET (Creeping). Just like ordinary rose colored Periwinkle, but the plants are dwarf and spreading rather than upright. Under favorable conditions each plant will cover the ground for about 2 feet. Fine for bedding, also as a trailing plant in boxes or baskets.

Tr. Pkt.50c 1/8 oz.\$1.00 1/4 oz.\$1.75 1 oz.\$6.25

	Tr. Pkt.	1/4 oz.	1 oz.
Rosea. The standard pink.....	\$0.25	\$0.55	\$1.90
Alba Pura. Pure white.....	.25	.55	1.90
Alba Oculata. White with rose center.....	.25	.55	1.90
Kermesina. Dark rose pink.....	.30	.60	2.00
Twinkles. Soft blush pink with red eye.....	.25	.55	1.90
Finest Mixed. Above colors.....	.25	.50	1.75

WALLFLOWER

Double Early Wonder. 15,000 S. Blooms in about 4 months. Choice mixture in shades of yellow, gold and mahogany including bicolors. Tr. Pkt.30c 1/4 oz.65c 1 oz.\$2.20

ZINNIAS

For bedding (flat sales) sow seed about 4 to 5 weeks ahead of time. For summer cuts wait till the ground is warm, they flower after 6 to 8 weeks. 2,500 to 4,000 seeds oz.

THUMBELINA and FIRECRACKER — TWO ALL-AMERICA SILVER MEDAL WINNERS FOR 1963 — See page 1 for prices and description.

GIANT HYBRIDS or GIANT CACTUS FLOWERED ZINNIAS

GRAND CANYON. Developed by a cross of Zinnia Merry-Go-Round and a strain of Giant Cactus Flowered. A spectacular color mixture entirely new to Zinnias. Big, intensely cactus flowers up to 5 inches and more in diameter borne on bushy plants 2 ft. in height. Striking blends and combinations of two or more colors in shades of red, rose, apricot, orange, lavender, copper and a few unique self colors. 1/16 oz.50c 1/8 oz.90c 1/4 oz.\$1.65 1 oz.\$5.50

RED MAN. All-America Bronze Medal Winner 1962. Large, brilliant red flowers, beautifully and delicately quilled are borne on compact, bushy, erect growing plants. 1/32 oz.40c 1/16 oz.75c 1/8 oz.\$1.25 1/4 oz.\$2.25 1 oz.\$8.00

ROSIE O'GRADY. A distinctive bicolor. The large flowers have a deep rose center that shades towards the outer petals to a soft rose. Ideal for cutting or garden decoration. 1/16 oz.40c 1/8 oz.75c 1/4 oz.\$1.30 1 oz.\$4.50

CHERRY TIME. Large, ruffled flowers in shades of cherry, cerise and spiraea-red. The color intensity is strong and the effect magnificent.

LILAC TIME. Shades of rich rosy lilac, a new color treat in the cactus class.

PRIDE OF DIEDRIN. Remarkably vivid combination of golden orange and scarlet flame, a bicolor which is lively, vigorous and distinctive.

SNOW TIME. The nearest to white in cactus flowered zinnias and has the added virtue of producing full-sized vigorous plants.

Prices above 4, each: 1/8 oz.35c 1/4 oz.65c 1 oz.\$2.25 4 oz.\$6.75

DARK JEWELS. Outstanding specialized formulated mixture of giant cactus flowered zinnias with particular emphasis on the new, strong, dark colors including all the varieties listed above as well as others in this class. There is just a hint of Snow Time in the formula to make the deep colors seem even stronger by contrast. 1/8 oz.30c 1/4 oz.55c 1 oz.\$1.95 4 oz.\$6.00

Apricot. Coral suffused apricot.

Blaze. Brilliant mandarin-red flowers which soften to scarlet-orange.

Floradale Scarlet. Intense scarlet-red, unusually graceful flower form.

Ice Cream Improved. A rich pure cream color — not a light yellow. Large, fully double flowers with ruffled petals.

Riverside Beauty. Warm, luminous azalea-pink flowers, 5 to 5 1/2 in. across.

Sunny Boy. Large, buttercup-yellow flowers, very brilliant.

Burpee Giant Cactus Flowered Hybrids Mixed. Gorgeous range of colors and color combinations. Finest blend of Giant Cactus Zinnias.

Prices above 7, each: 1/8 oz.30c 1/4 oz.50c 1 oz.\$1.50 4 oz.\$5.00 1 lb.\$15.00

Glamour Girls. Giant Cactus Flowered Hybrids in lighter or pastel shades mixed.

1/8 oz.30c 1/4 oz.55c 1 oz.\$1.85 4 oz.\$6.00 1 lb.\$18.00

GIANT CACTUS FLOWERED ZINNIAS—(Continued)

Merry-Go-Round. Cactus and Semi-Cactus type flowers, 3 to 4 in. across are borne freely on dwarf, bushy 1 to 1½ ft. plants. A real bicolor Zinnia of beauty never before seen in Zinnias with the outer ⅓ to ½ of each petal being in distinct contrast to the petal base. All Zinnia colors are represented with petals tipped in white or gold. Outstanding as a cutflower.

Plus-X-Cactus. Genuine F₃ Colossal Hybrid Mixture. Derived by crossing the separate colors of the different Cactus varieties. With Plus-X-Cactus comes hybrid vigor, hybrid size and hybrid profusion. All in a wealth of new shades and bicolor effects found in no other Zinnia mixture. Extra large, double cactus-like flowers, 6 to 7 inches and more in diameter borne on extra vigorous thrifty plants. A complete color range, beautifully balanced.

Treasure Island. A genuine F₃ hybrid **Giant Cactus-Type** with exceptionally large flowers, up to 6 and 7 inches or more in diameter. An eye-stopping mixture of bold, bright and colorful shades of scarlet, crimson and red, shades of orange, and pure yellow. Plants under average garden conditions grow about 3 ft. tall. Very early to flower, and continuous throughout the summer.

Prices above 3, each: ⅓ oz.....**40c** ¼ oz.....**75c** 1 oz.....**\$2.50** 4 oz.....**\$7.50** 1 lb.....**\$22.50**

F₁ HYBRID "TRAIL BLAZER". Medium large, double and semi-double flowers of brilliant red with bright yellow centers borne freely on strong bushy plants 2 ft. high. **Highly resistant to mildew.**
1/16 oz.....**75c** ⅓ oz.....**\$1.50** ¼ oz.....**\$2.75** 1 oz.....**\$10.00**

Miss Universe. 3000 S. Very large, deep, full flowers in a wide color range — clear, bright colors and undreamed of sharp bicolors and surprise color blends. Strong and healthy plants with bushy growth, ⅓ to ½ less than the height of ordinary large flowered varieties. Under most conditions the plants develop no more than 1½ to 2 ft. in height. Branching is from the base of the plant, assuring ideal long-stemmed cut-flowers.

⅓ oz.....**40c** ¼ oz.....**75c** 1 oz.....**\$2.50** 4 oz.....**\$7.50** 1 lb.....**\$22.50**

STATE FAIR. A giant **Tetraploid** Zinnia with thicker leaves and stockier growth than regular types, very large flowers. Especially good in "Paks" or flats for bedding plant sales as the small plants present a much better appearance.

Bright Scarlet Shades.

Lavender and Purple Shades.

Pink Shades.

Yellow Shades. Lighter shades of yellow.

Golden Yellow Shades.

Orange Shades.

Rose and Salmon Shades.

State Fair Mixed. A complete range of colors.

Prices above 8, each: ⅓ oz.....**35c** ¼ oz.....**60c** 1 oz.....**\$2.25** 4 oz.....**\$7.50**

BODGER'S GIANT DAHLIA—FLOWERED

Canary Bird. Rich canary yellow

Crimson Monarch. Deep crimson

Dream. Orchid lavender

Eldorado. Salmon-apricot shades

Exquisite. Light rose, deep rose center

Golden Dawn. Clear golden yellow

Golden State. Rich orange-yellow

Illumination. A deep rose

Luminosa. Bright deep pink

Meteor. Darkest of all reds

Oriole. Orange and gold

Polar Bear. Best white

Purple Prince. Deep purple

Royal Purple. Rich purple

Scarlet Flame. Orange-scarlet

Will Rogers. Brightest scarlet

⅓ oz.....**25c** ¼ oz.....**40c** 1 oz.....**\$1.25** 4 oz.....**\$4.00** 1 lb.....**\$12.00**

SPECIAL OFFER. We furnish a collection consisting of 1 tr. pkt. each of the above 16 varieties for **\$3.75**, or a collection of 10 varieties, (your choice) for **\$2.25**.

Dahlia Flowered "Gold Medal Mixture." A formula mixture of the above varieties—not a field-grown mixture. The finest mixture of large flowered Zinnias.

⅓ oz.....**25c** ¼ oz.....**40c** 1 oz.....**\$1.25** ¼ lb.....**\$4.00** 1 lb.....**\$12.00**

Crown O'Gold. Vastly improved strain with large, well-formed flowers in rich pastel shades, each petal overlaid at the base with deep golden yellow. Flower type intermediate between Dahlia Flowered and California Giant. Tr. Pkt.....**25c** ¼ oz.....**45c** 1 oz.....**\$1.50**

Burpee's Super Giants. Finest mixed. Bigger and better than Dahlia Flowered Zinnias. The loveliest colors and combinations of colors ever seen.

David Burpee. Choice mixed. Curled and quilled petals. Flowers may be likened to chrysanthemums.

Luther Burbank. Blend of Giant Zinnias combining vigorous plant growth, large flowers and a well-balanced range of the choicest pastel colors and color combinations.

Prices above 3, each: ⅓ oz.....**25c** ¼ oz.....**40c** 1 oz.....**\$1.25** 4 oz.....**\$4.00** 1 lb.....**\$12.00**

CALIFORNIA GIANT OR MAMMOTH

The plants are taller than the Dahlia Flowered type, 3-4 ft., with long stems which adapt it particularly for use as a cut flower. The flowers are very large and flat, giving a graceful effect.

Brightness. Bright pink.

Cherry Queen. Brilliant cherry rose.

Crimson Queen. Rich crimson.

Enchantress. Light rose, deep rose center.

Grenadier. Bright dark red.

Isabellina. Butter yellow.

Miss Willmott. Soft pink.

Orange Queen. Golden orange.

Purity. Best white in Zinnias.

Daffodil Improved. Canary yellow.

Golden Queen. Golden yellow.

Lavender Queen. Deep rosy lavender.

Orange King. Orange-scarlet.

Rose Queen. Striking deep rose.

Salmon Queen. Salmon rose.

Scarlet Queen. Glowing scarlet.

Violet Queen. Deep purple.

1/8 oz.....	25c	1/4 oz.....	40c	1 oz.....	\$1.25	1/4 lb.....	\$4.00	1 lb.....	\$12.00
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SPECIAL OFFER: A collection of one trade packet each of the above 17 varieties for \$3.90.

PINK LADY. An unusual bicolor with pink center and cream to buff outer petals.

1/8 oz.....	35c	1/4 oz.....	60c	1 oz.....	\$2.25
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Giants of California Mixed. A special mixture of all Giant Mammoth varieties blended from separate colors.

1/8 oz.....	25c	1/4 oz.....	40c	1 oz.....	\$1.25	1/4 lb.....	\$4.00	1 lb.....	\$12.00
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Pastel Giants. Outstanding mixture of all the delicate pastel shades.

Tr. Pkt.....	25c	1/4 oz.....	40c	1 oz.....	\$1.35	1/4 lb.....	\$4.50
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Indian Summer Mixture. Blend of California Giant and Dahlia Flowered Zinnias in rich autumn tones, such as bright reds, yellows and orange predominating.

Tr. Pkt.....	25c	1/4 oz.....	40c	1 oz.....	\$1.25	4 oz.....	\$4.50
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LILLIPUT OR POMPONS

4,500 S. The Lilliputs are the most popular for cut flowers. Flowers are small, compact and symmetrical, on strong stemmed plants, 1½ to 2 ft. tall.

Black Ruby. Blackish-red.

Crimson Gem. Rich crimson.

Lilac Gem. Lavender.

Purple Gem. Rich purple.

Salmon Gem. Salmon rose.

Valencia. Burnt orange.

Canary Gem. Canary yellow.

Golden Gem. Golden orange.

Pink Gem. Deep pink.

Rosebud. Dainty rose pink.

Scarlet Gem. Rich scarlet.

White Gem. Clear white.

1/8 oz.....	25c	1/4 oz.....	40c	1 oz.....	\$1.25	1/4 lb.....	\$4.00	1 lb.....	\$12.00
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Collection: 1 tr. pkt. each of the above 12 varieties for \$2.70.

Lilliput Finest Mixed. Special mixture of above varieties.

1/8 oz.....	25c	1/4 oz.....	40c	1 oz.....	\$1.25	1/4 lb.....	\$4.00	1 lb.....	\$12.00
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Lilliput Pastel Shades Mixture. All the lovely delicate pastel shades.

1/8 oz.....	25c	1/4 oz.....	40c	1 oz.....	\$1.35	1/4 lb.....	\$4.50
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LILLIPUT "TOM THUMB"

Finest Mixed. Nice range of colors. Plants 8-10 inches, compact, covered with well-formed flowers of the Lilliput type. A very satisfactory Zinnia for borders and pot plants.

1/8 oz.....	35c	1/4 oz.....	60c	1 oz.....	\$2.00	4 oz.....	\$6.50
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PUMILA DWARF DOUBLE (Cut and Come Again)

4000 S. This garden favorite is an important early cut flower. Intermediate flowers between Giants and Lilliputs. 2 to 2½ ft.

Canary Yellow

Crimson

Golden Orange

Pinkie. Rose Pink

Salmon Rose

Scarlet

Snowball. White

Tangerine. Orange-red

Formula Mixture of above colors

Tr. Pkt.....	25c	1/4 oz.....	45c	1 oz.....	\$1.50	1/4 lb.....	\$5.00	1 lb.....	\$15.00
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ORTHO POLKA. Best described as a Giant Peppermint Stick, with flowers double the size and plants much larger and more vigorous. Colors are bright and varied, with striping in 70% of the blooms. Tr. Pkt.....

Tr. Pkt.....	35c	1/4 oz.....	65c	1 oz.....	\$2.25	4 oz.....	\$7.00
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PEPPERMINT STICK. Medium-sized, Pumila type flowers striped red and white, red and yellow, purple and white, etc. Approx. 70% striped flowers.

Tr. Pkt.....	30c	1/4 oz.....	50c	1 oz.....	\$1.80	4 oz.....	\$6.50
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RED RIDING HOOD. 12 in. Small double button type flowers of a deep scarlet color are freely produced on dwarf plants. Fine for borders and rock gardens.

1/16 oz.....	20c	1/8 oz.....	35c	1/4 oz.....	50c	1 oz.....	\$1.50	4 oz.....	\$4.50
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ZINNIA "APACHE SNOWFLAKES"

Heretofore known to a few others than the Apache Indians of Arizona, it is a native species, *Zinnia crassula pumila*. **Extra dwarf** and **hardy**. Plants, 6 to 8 inches in height are perfect mounds of snowy white little ($\frac{3}{4}$ in.) flowers. After 4 years of trial it is now completely adaptable to garden conditions everywhere. No disease or pest troubles, leave it alone and it will thrive, blooms day after day, year after year. 15,000 seeds per ounce.

1/64 oz.....**40c** 1/32 oz.....**75c** 1/16 oz.....**\$1.40** $\frac{1}{8}$ oz.....**\$2.75**

CUPID ZINNIAS

These little button flowers on dwarf compact plants have a personality quite distinct from other Zinnias. Valuable for borders, rock gardens and as a pot plant.

Goklin. Burnt orange.

Pixie. Canary yellow.

Snowdrop. Pure white

Tiny Tim. Deep scarlet.

Finest Mixed. Mixture of above colors.

Each: Tr. Pkt.....**30c** $\frac{1}{4}$ oz.....**50c** 1 oz.....**\$1.50** 4 oz.....**\$5.00**

FANTASY. 2,800 S. Shaggy ray-like petals, like Cactus Dahlias, medium-sized flowers, $2\frac{1}{2}$ to 3 ft. tall.

Melody. Orchid lavender.

Orange Lady. Rich orange.

Rosalie. Bright Rose.

Star Dast. Golden yellow.

White Light. Pure white.

Wild Fire. Scarlet.

Fantasy Mixed. Formula blend of above separate colors.

Prices above 7, each: $\frac{1}{8}$ oz.....**30c** $\frac{1}{4}$ oz.....**45c** 1 oz.....**\$1.50** 4 oz.....**\$4.50**

GAILLARDIA FLOWERED (Navajo Blanket Flower). Flowers resemble a Picta Double Gaillardia in both form and coloring. $\frac{1}{8}$ oz.....**35c** $\frac{1}{4}$ oz.....**60c** 1 oz.....**\$2.25**

HALO (Glorienschlein). A Hageana type zinnia of uniformly dwarf growth, bearing a profusion of $1\frac{1}{2}$ in., single flowers of dark mahogany-red with a bright contrasting "halo" border of golden yellow. 1/16 oz.....**25c** $\frac{1}{8}$ oz.....**45c** $\frac{1}{4}$ oz.....**85c** 1 oz.....**\$3.00**

Harmony Finest Mixed. (Scabious Flowered). $2\frac{1}{2}$ ft. An improved strain with brightly colored medium-sized flowers, resembling annual Scabiosa or Harmony Marigold borne on long cutting stems. 1/16 oz.....**25c** $\frac{1}{8}$ oz.....**45c** $\frac{1}{4}$ oz.....**80c** 1 oz.....**\$2.90**

Persian Carpet. 16 in. (22,000 S). Fully double miniature flowers in variegated shades of maroon, gold and orange; valuable for bedding. 1/16 oz., **30c**; $\frac{1}{8}$ oz., **55c**; $\frac{1}{4}$ oz., **\$1.00**; 1 oz., **\$3.00**

Linearis. (123,000 S.). Heat-resistant free-blooming plant for edging and rock garden work. Compact (6-8 in.), bearing hundreds of semi-double bright orange flowers at one time.

1/32 oz.....**25c** 1/16 oz.....**45c** $\frac{1}{8}$ oz.....**80c** $\frac{1}{4}$ oz.....**\$1.40** 1 oz.....**\$4.50**

Creeping Zinnia — see Sanvitalia.



Zinnia "Giant Dahlia Flowered"

ZINNIAS

One of the most popular and easily grown annuals, Zinnias grow in most any soil, but do best in a sunny location and thrive on heat.

Most of our seed is grown by "Bodger's in California" introducers of the Dahlia Flowered and California Giant or Mammoth types, therefore, insuring you of the best in Zinnias your money can buy.

From "Burpee's" another pioneer in the Zinnia field come the newer varieties - Burpee Hybrids - Super Giants - Floradale Beauty - etc.

Others from "Darold Decker" a well known hybridizer in Chula Vista, California.

Zinnias require a warm temperature, 65° minimum-better, 70° — to germinate satisfactorily.

PERENNIAL FLOWER SEEDS

*INDICATES ROCK GARDEN VARIETIES

- ACAENA**—**Microphylla*. An evergreen trailing perennial for rock gardens or as a ground cover. Has bronze-green leaves, 2 in. long, stems that hug the ground and rounded heads of flowers with purplish-red spines. Needs winter protection in the North.
 1/8 oz.....**30c** 1/4 oz.....**55c** 1 oz.....**\$2.00**
- ACANTHUS**—*Mollis*. 130 S. (Bear's Breech). Grows to 3 ft. tall. Large, deeply lobed leaves, rose-colored, lilac or whitish flower spikes, 1 1/2 ft. long. 1/4 oz.....**35c** 1 oz.....**\$1.00** 4 oz.....**\$3.00**
- ACHILLEA**—*Filipendula*, *Parker's Variety* (Cloth of Gold). 200,000 S. Large, golden yellow flowers on long stems, fine cutflower. 1/32 oz.....**25c** 1/16 oz.....**40c** 1/8 oz.....**70c** 1/4 oz.....**\$1.25**
The Pearl (ptarmica). 175,000 S. 30 in. A special reselected strain with double, pure white flowers from spring until fall. 1/32 oz.....**25c** 1/16 oz.....**45c** 1/8 oz.....**80c** 1/4 oz.....**\$1.50**
- ACONITUM** (Monk's Hood). 10,000 S. Frost germinator.
Napellus. 36 in. Dark blue. 1/16 oz.....**35c** 1/8 oz.....**60c** 1/4 oz.....**\$1.00** 1 oz.....**\$3.25**
Fisheri. 36 in. Light blue. 1/16 oz.....**40c** 1/8 oz.....**70c** 1/4 oz.....**\$1.20** 1 oz.....**\$3.75**
- ADONIS**—**Vernalis*. 14 in. 2,400 S. Large, yellow flowers in early spring.
 1/16 oz.....**50c** 1/8 oz.....**95c** 1/4 oz.....**\$1.75** 1 oz.....**\$6.75**
- AGROSTEMMA** (Rose Champion) 50,000 S. **Blood Red**. 28 in. 1/4 oz.....**30c** 1 oz.....**\$1.00**
- AJUGA**—**Genevensis* (Geneva Bugle). Erect growing type with blue flowers in spikelike formation. For rockeries or as a ground cover in either shade or sun.
 1/32 oz.....**\$1.00** 1/16 oz.....**\$1.90** 1/8 oz.....**\$3.75**
- ALLIUM**—*Albopilosum*. 9,400 S. 30 in. Great airy lilac blossom heads, 8-10 in. across. Require a rich, loamy soil. 1/64 oz.....**75c** 1/32 oz.....**\$1.40** 1/16 oz.....**\$2.75**
- ALYSSUM**. 30,000 S. **Mountain Gold* (montanum). Golden yellow. Low-growing plants, 8 in. high; blooms in early spring from a summer sowing.
 1/32 oz.....**30c** 1/16 oz.....**50c** 1/4 oz.....**\$1.60** 1 oz.....**\$5.40**
 **Saxatile Compactum* (Gold Dust). 12 in. Golden yellow flowers. Early May flowering.
 1/8 oz.....**20c** 1/4 oz.....**35c** 1 oz.....**\$1.20** 4 oz.....**\$3.60**
 Saxatile Silver Queen*. Light lemon yellow flowers. 1/16 oz.....35c** 1/4 oz.....**\$1.20** 1 oz.....**\$3.60**
- AMPELOPSIS**—*Veitchi* (Boston Ivy). Clean seed. 1/8 oz.....**25c** 1/4 oz.....**40c** 1 oz.....**\$1.20**
- Tr. Pkt. 1/4 oz. 1 oz.
- ANCHUSA**. Refrigerate seed for 3 days before sowing.
Avalon Hybrids. 3 ft. Includes rose, cream, blue, violet.....**\$0.30** **\$1.00** **\$3.50**
Dropmore Strain (Italica) 1100 S. 5 ft. Fine blue for cutting.....**.25** **.45** **1.60**
 Myosotidiflora*. 10,500 S. May flowering Forget-Me-Not blue......50** **1.75** **6.50**
- ANEMONE**. Best time to sow is early spring.
St. Brigid (Windflower). 18 in. Choice mixture of brilliant colors.....**.40** **.85** **3.00**
 Pulsatilla* (Pasque Flower). 12 in. Violet blue. Plant is covered with silky hairs, needs a dry location. Blooms April to June. 1/8 oz., **85c **.50** **1.50**
- ANTHEMIS**—(Hardy Marguerite). 85,000 S. Fine cut-flower.
Kelwayi. 3 ft. Daisy-like lemon-yellow flowers.....**.20** **.35** **1.20**
Sancta Johannis. Brilliant golden orange flowers, 1 1/2 in. across, borne singly on straight stiff leafless stems, 9 to 12 inches in length.....**.25** **.75** **2.75**
- AQUILEGIA** (Columbine)—*Chrysantha*. Long-spurred golden yellow.....**.35** **1.20** **3.75**
Coral. Brilliant salmon-red w. golden coralla.....1/16 oz., **\$3.00** **.75** **10.00**
- Crimson Star*. Dark red with white coralla.....1/8 oz. **\$1.25** **.50** **2.25** **7.50**
Blue Shades. Finest strain in existence, 3 ft.....1/8 oz. **\$1.00** **.50** **2.00** **6.00**
Longissima. Delicate, pale yellow.....1/16 oz. **\$1.25** 1/8 oz. **\$2.25** **.50**
- Mrs. Nicholls*. Large flowered, deep blue.....1/8 oz. **\$1.25** **.50** **2.25** **7.50**
Rose Queen. Rose with white coralla.....**.35** **1.20** **4.25**
Snow Queen. Large flowered, pure white.....**.35** **1.20** **4.25**
Mrs. Scott Elliott's Hybrids. Excellent long-spurred mixture.....**.30** **1.00** **3.75**
McKana's Giant. Large, bold, showy, extra long-spurred flowers more widely flared than in other Columbines. A gay mixture of colors. **.50** **1.50** **5.50**
- ARABIS** (Rock Cress)—**Alpina*. 12 in. Pure white flowers.....**.30** **.50** **1.75**
 Alpina Rosea*. 12 in. Pink flowers; excellent......30** **1.20** **3.90**
 Alpina Snowcap*. 6 in. Snow-white flowers, extra dwarf......25** **.75** **2.50**
 Spring Charm*. A nice bushy little plant with intense carmine flowers, 8 in. 1/16 oz.....\$1.25** 1/8 oz.....**\$2.25** **.75** **4.00**
- ARENARIA**—**Montana* (Sandwort). 18,000 S. Very dwarf, like a carpet. Snowy-white flowers.
 1/32 oz.....**\$1.50** 1/16 oz.....**\$2.50** 1/8 oz.....**\$4.50** 1/4 oz.....**\$8.50**
- ARMERIA** (Trift). 12,000 S.
Formosa Large Flowering Hybrids. 2 ft. Bright colors. 1/16 oz., **40c**; 1/4 oz., **\$1.20**; 1 oz., **\$4.50**
Glory of Holland. Giant Pink. Ball-shaped deep pink flowers on straight wiry (2 ft.) stems.
 1/32 oz.....**65c** 1/8 oz.....**\$2.20** 1/4 oz.....**\$3.75** 1 oz.....**\$12.00**
 **Maritima Splendens*. 8 in. Dwarf, bright rose flowers.
 1/16 oz.....**75c** 1/8 oz.....**\$1.25** 1/4 oz.....**\$2.25** 1 oz.....**\$8.00**

	Tr. Pkt.	1/4 oz.	1 oz.
ARNICA—Montana (Mountain Tobacco). 22,400 S. 20 in. Bright yellow, fragrant, flowers. 1/8 oz.	\$1.00	\$0.50	\$1.75
ASCLEPIAS (Butterfly Weed) 4500 S. Tuberosa . 2 1/2 ft. Orange flowers. Requires well drained location. Lasts well when cut.	.35	1.00	3.75
ASTER (15,000 seeds per oz.) * Alpinus Mixed . 12 in. Fine large flowers, blooms early.	.40	1.00	3.75
* Alpinus Goliath . 15 in. Soft blue, largest flowered. 1/8 oz. \$1.35	.70	2.50	.....
Wartburg Star . 2 ft. Bright lavender blue with yellow center, long stalks. Excellent cut flower. 1/16 oz. \$1.25	1/8 oz. \$2.00	.50	3.50
Large Flowered Mixture . 1 1/2-2 ft. Perfectly hardy. 1/8 oz.	\$1.30	.50	2.50
ASTILBE (Spiraea)— Chinensis . 32 in. Lilac-rose. 1/64 oz.	.85c	1/32 oz.	\$1.50
Pumila . 10 in. A dwarf form of <i>Chinensis</i> . 1/64 oz.	.85c	1/32 oz.	\$1.50
Arendsii Hybrids . 32-40 in. Mixture of red, rose and white. 1/64 oz.	\$1.00	1/32 oz.	\$1.90
AUBRIETIA . 150,000 S. 6 inches. * Graeca . Light blue. * Hendersonii . Lilac-blue. * Leichtlinii . Carmine-rose. * Large Flowered Hybrids Mixed . Form beautiful cushions; early spring blooming. Above 4, each: 1/32 oz.	.25c	1/16 oz.	.45c
1/4 oz.	\$1.35	1 oz.	\$4.00
* Semi-Double Hybrids Mixed (Kelmescott strain). Produces high percentage of large double and semi-double flowers, beautiful range of colors. 1/32 oz.	.50c	1/16 oz.	.90c
1/8 oz.	\$1.50	1/4 oz.	\$2.85
BAPTISIA—Australis (False Indigo). 1700 S. 3 ft. Showy racemes of pea-shaped indigo-blue flowers. 1/8 oz.	.35c	1/4 oz.	.60c
1 oz.			\$2.00
BELLIS—Perennis (Double English Daisy). 190,000 S. For spring and early summer bedding. Pomponette (Miniature) Mixed . 6 in. Button-like very double flowers cover the plants. 1/64 oz.	.80c	1/32 oz.	\$1.50
1/16 oz.	\$2.75	1/8 oz.	\$4.75
Super Giants . Ball-shaped fully double flowers, 2 1/2 to 3 in. across. Crimson Ball Rose Ball White Ball Super Giants Mixed Above 4, each: 1/32 oz.	.35c	1/8 oz.	\$1.20
1/4 oz.	\$2.25	1 oz.	\$8.00
Monstrosa . Fully double 2 inch flowers are freely produced with longer stems. Red Rose White Formula Mixed . Each: 1/16 oz.	.35c	1/4 oz.	\$1.25
1 oz.			\$4.00
BERGENIA (Megasea, Saxifraga).— Cordifolia . 20 in. Rose flowers, March-April. 1/128 oz.	.80c	1/64 oz.	\$1.50
1/32 oz.	\$2.85	1/16 oz.	\$5.50
BOLTONIA—Latisquama . 100,000 S. Airy, starry Aster blossoms of delicate pink, long-blooming, good cutflower. 1/16 oz.	.40c	1/8 oz.	.70c
1/4 oz.			\$1.25
BUPHTHALMUM (salicifolium) " Sunwheel ". Very hardy. Makes a bush of about 3 ft. tall, covered with golden yellow, star-shaped flowers in June and July. Very attractive if planted for instance with <i>Delphinium Pacific Giants</i> . 1/16 oz.	.50c	1/8 oz.	\$1.00
1/4 oz.	\$1.75	1 oz.	\$6.25
CALLIRHOE (Buffalo Rose) 6000 S. * Involucrata . 8 in. Low, ever-blooming trailer, cup-shaped, glowing crimson flowers. 1/16 oz.	.50c	1/8 oz.	\$1.00
1/4 oz.			\$1.75
CAMPANULA—Medium — Canterbury Bells . 125,000 S. BIENNIAL . Double Blue Double Rose Double White Double Mixed Single: Dark Blue Light Blue Rose White Single Mixed Medium Calycanthema — Cup and Saucer. Dark Blue Light Blue Rose White Finest Mixed. Prices above biennials, each: 1/16 oz.	.25c	1/8 oz.	.40c
1/4 oz.	.75c	1 oz.	\$2.25
CAMPANULA—Perennial Bellflower . 350,000 S. * Carpatia (Hare Bell). 9 in. Wide cup-shaped upright blooms of light violet-blue are borne on slender, branched erect stems. * White Star . Same as above, except for the color which is a pure white. Prices above 2, each: 1/32 oz.	.25c	1/8 oz.	.75c
1/4 oz.	\$1.25	1 oz.	\$3.75
* Collina . 8 in. Masses of purple bells. 1/32 oz.	.35c	1/8 oz.	\$1.25
Fragilis . Blue Star of Bethlehem. Fine for hanging baskets. 1/64 oz.	.75c	1/32 oz.	\$1.25
* Garganica Major . 4 in. Low spreading tufts with starry light blue bells having a white eye. 1/64 oz.	\$1.00	1/32 oz.	\$1.95
1/16 oz.			\$3.75
* Glomerata Acaulis . 6 in. Amethyst violet bells. 1/64 oz.	.35c	1/32 oz.	.65c
1/16 oz.			\$1.25
* Glomerata Superba . 20 in. Large clusters of rich violet. 1/32 oz.	.40c	1/8 oz.	\$1.50
Macrantha (Latifolia). 40 in. Large flowered blue. 1/32 oz.	.25c	1/8 oz.	.85c
1/4 oz.			\$1.50
* Pusilla . 4 in. Light blue bells. Tr. Pkt.	\$1.00	1/128 oz.	\$2.50
* Raineri (Alpine Bells) 5 in. Low, Gray-green tufts covered with china-blue bells. 1/64 oz.	\$1.00	1/32 oz.	\$1.85
1/16 oz.	\$3.50	1/8 oz.	\$6.50
* Rotundifolia Olympica (Scotch Blue Bell). 12 in. Bright blue bells in clusters. 1/32 oz.	.60c	1/8 oz.	\$2.00
1/4 oz.			\$3.75
* Rock Garden Varieties Mixed . Wide range of colors. Tr. Pkt.			.75c
Trachelium (urticifolia). 32 in. Violet-blue bells. 1/128 oz.	.80c	1/64 oz.	\$1.50

CAMPANULA—Persicifolia Grandiflora. 30 in. (Peach Bell). Large, bell-shaped flowers.					
Blue	White	Telham Beauty.	Huge china-blue bells.	Finest Mixed.	
Pyramidalis (Chimney Bell Flower). 5 ft. Blue White Mixed.					
Prices above Persicifolia and Pyramidalis, each: 1/32 oz.....25c 1/8 oz.....75c 1/4 oz.....\$1.35					
CANDYTUFT. See Iberis.					
			Tr. Pkt.	1/4 oz.	1 oz.
CARNATION—Grenadin Double. 20 in. Fine for cutting					
King of the Blacks. Darkest red.....			\$0.40	\$1.50	\$5.00
Cardinal Red Golden Sun Snow White Triumph Pink.....			.40	1.50	5.00
Finest mixed, well-balanced.....			.35	1.25	4.50
Dwarf, Bright Scarlet, 14 in.....			.40	1.50	5.00
Earliest Dwarf Vienna Finest Mixed, 14 in. Excellent strain.....			.35	1.25	4.50
Teicher Strain. We can highly recommend this giant flowered Carnation for the most critical florist trade. Immense flowers on long stout stems and contains a wide range of colors.....					
			.50	1.75	6.00
CATANANCHE—Coerulea. 24 in. Lavender-blue Centaurea-like flowers.					
Excellent everlasting cut-flower. 1/8 oz.....			\$1.00	.50	1.75 6.50
CENTAUREA—Montana. 24 in. Large cornflower—blue flowers.....					
			.25	.40	1.50
Dealbata. 20 in. Rose, graceful silvery leaves.....					
			.25	.40	1.50
Macrocephala. 3 ft. Golden yellow flowers.....					
			.30	.60	2.00
Ruthenica. 4 ft. Light yellow flowers; excellent variety. 1/8 oz., \$1.80					
			.75	3.50	.....
CENTRANTHUS (Red Valerian, Jupiter's Beard).					
Ruber. Grows from one to three feet high and is a compact bushy plant that flowers heavily all summer. Blooms are fragrant and vary in color from pale red to deep crimson, excellent cutflower.....					
			.35	.70	2.40
CERASTIUM—Tomentosum (Snow-in-Summer). 10-12 in. Abundant white flowers with silvery leaves; excellent dwarf bedding perennial.....					
			.25	.50	1.50
CHEIRANTHUS (Siberian Wallflower)—Allioni. 18 in. Brilliant orange.....					
			.20	.....	.45
Golden Bedder. 18 in. Deep golden yellow, large flowers.....					
			.20	.....	.75
CHRYSANTHEMUM—Glory Mixture. Wide range of brilliant colors founded upon crosses of the Azaleamums, Koreans, Indicums, Morifoliums and Arctic Hybrids.....					
			1/8 oz., \$2.00	1.00	4.00
Korean Mixture. Single and semi-double types in a good color range with large flowers.....					
			1/8 oz., \$2.00	1.00	4.00
COREOPSIS. 11,000 S.					
Double Sunburst (New Gold). Large, 2-in., golden yellow flowers.....					
			.20	.35	1.10
CORYDALIS—Lutea. 8 in. Yellow flowers. Frost germinator.					
Tr. Pkt.	50c	1/32 oz.	\$1.00	1/16 oz.	\$2.00 1/8 oz. \$3.50
COTYLEDON—Simplicifolia. 6 in. Pendant small yellow bells over sedum-like leaves.					
1/128 oz.	\$1.00	1/64 oz.	\$1.75	1/32 oz.	\$3.00 1/16 oz. \$5.50
CRUCIANELLA (Crosswort). *Stylosa. 8 in. Bright Mallow-rose. Fine for rock gardens, etc.					
1/16 oz.	40c	1/8 oz.	75c	1/4 oz.	\$1.40 1 oz. \$4.75
CYCLAMEN—Neapolitanum Mixed. Free blooming on 8-10 inch stems; shades of rose and white, flowers are about 1/3 the size of annual Cyclamen and bloom during August and September. Sow early in fall and carry seedlings through the first winter under glass, plant out to partially shaded area in spring. 100 seeds.....					
			\$1.00	500 seeds.....	\$3.00
DAISY, SHASTA (Chrysanthemum Leucanthemum)					
			Tr. Pkt.	1/4 oz.	1 oz.
Alaska. The standard Shasta Daisy.....			\$0.20	\$0.40	\$1.40
May Queen. The earliest and one of the finest Shasta Daisies on the market, it flowers at least 4 weeks earlier than any other kind....					
			.20	.45	1.50
Mayfield Giant. Large flowered, blooms end of June.....					
			.20	.40	1.40
Diener's Giant Double White. 24,000 S. A reselected strain producing about 50% doubles that should be propagated by divisions.					
1/16 oz.	85c	1/8 oz.	\$1.50	.50	2.75 9.00
G. Marconi Double Giant White. Largest flowered and finest double Shasta Daisy strain. Flowers average about 5 in. across and carried on 30 in. stems.....					
			1/16 oz. 85c	1/8 oz. \$1.50	.50 2.75 9.00
Polaris. This Novelty has enormous single flowers up to 7 inches across on 4 ft. base-branching stems. 1/32 oz.....					
			40c	1/16 oz. 75c	1/8 oz. \$1.25 1/4 oz. \$2.25
				Tr. Pkt.	1/4 oz. 1 oz.
DELPHINUM—Belladonna "Cliveden Beauty". Light Blue.....					
			\$0.40	\$1.00	\$3.75
Bellamosum Improved. Large, deep blue flowers.....					
			.40	1.00	3.75
Blackmore & Langdon Hybrids. Excellent free-flowering hybrid strain.					
Shades of blue with contrasting bees.....			.40	1.00	3.75
Chinensis Blue Mirror. Bright navy-blue flowers without spurs. Fine for low borders and for cutting, 12-15 in.....					
			.40	1.00	3.75
Lamartine. Rich, deep blue flowers with pure white eye.....					
			.50	1.25	4.00
Sapphire. A shade lighter and brighter than Bellamosum with a golden bee. Immense florets.....					
			.50	1.50	5.00
Wrexham or Hollyhock Strain. Enormous spikes of large single and double blooms in light and dark shades.....					
			.50	1.60	5.50

DELPHINIUM—GIANT PACIFIC HYBRIDS

	Tr. Pkt.	1/8 oz.	1/4 oz.	1 oz.
Astolat Series. New shades in pale blush, lilac pink, raspberry rose with dark bees.....	\$1.25	\$2.50	\$4.50	\$15.00
Blue Bird Series. Clear medium blue, white bee.....	1.25	2.50	4.50	15.00
Black Knight Series. Deep mid-night violet.....	1.25	2.50	4.50	15.00
Blue Jay Series. Brilliant true medium blue, dark bee.....	1.25	2.50	4.50	15.00
Cameliard Series. Pure lavender self, white bee.....	1.25	2.50	4.50	15.00
Galadah Series. The finest clear white Delphinium.....	1.25	2.50	4.50	15.00
Guinevere Series. Pinkish-lavender with white bee.....	1.25	2.50	4.50	15.00
King Arthur Series. Royal violet with white bee.....	1.25	2.50	4.50	15.00
Lancelot Series. Clear lilac self with white bee.....	1.25	2.50	4.50	15.00
Percival Series. Large glistening white flowers with strongly contrasting black bees.....	1.25	2.50	4.50	15.00
Summer Skies Series. Clear light blue with white bee.....	1.25	2.50	4.50	15.00
Round Table Series. A noble mixture, which contains many new and interesting color types not yet introduced.....	1.25	2.50	4.50	15.00
Pacific Giant Hybrids Mixed. All colors in this fine class.....	1.20	2.25	4.00	12.00

DIANTHUS. 26,000 S. *Allwoodi Alpinus Mixed. 8-10 in. Single flowers in shades of pink and

rose. Blooms early June. 1/32 oz.....35c 1/8 oz.....\$1.00 1/4 oz.....\$1.75 1 oz.....\$6.00

***Caesius Double Rose.** 6 in. Double Cheddar Pink. 1/128 oz., \$1.00; 1/64 oz., \$1.75; 1/32 oz., \$3.25

***Caesius Grandiflorus.** 6 in. Cheddar Pink. 1/16 oz.....30c 1/4 oz.....\$1.10 1 oz.....\$3.75

***Caesius Splendens.** 6 in. Purplish flowers. 1/32 oz.....50c 1/16 oz.....95c 1/8 oz.....\$1.75

Deltoides. 6 in. Maiden Pink. May-June flowering. Fine substitute for **creeping Phlox**, Rose.

Deltoides Brilliant. 6 in. Glowing bright carmine-rose flowers.

***Deltoides Splendens.** 6 in. Purplish flowers.

Prices above 3, each: 1/16 oz.....35c 1/8 oz.....60c 1/4 oz.....\$1.00 1 oz.....\$3.25

Winteri. 10 in. Large, single, brightly zoned flowers on stiff stems, deliciously sweet scented.

1/16 oz.....40c 1/8 oz.....75c 1/4 oz.....\$1.35 1 oz.....\$5.00

***Rock Garden Blend.** Best species mixed. 1/16 oz.....50c 1/8 oz.....90c 1/4 oz.....\$1.75

DIANTHUS—Plumarius (Clove Pink). Sweet scented.

Tr. Pkt. 1/4 oz. 1 oz.

Highland Hybrids. 12 in. Magnificent strain of large flowered fragrant Clove Pinks, showing pleasing color variations.....\$0.30 \$1.00 \$3.00

Spring Beauty, Double Mixture (Scoticus). Special Florist strain. Large flowers in various shades of pink, rose, salmon and white, some self colors, others with bright crimson zone on 12 to 15 inch stems.1/8 oz.....75c .35 1.25 4.50

Cyclops. Rose and Red Hybrids, single......25 .85 3.00

DIANTHUS BARBATUS (Sweet William). 24 in.

Blood Red (Atrosanguinea).

Homeland. Dark red, white center.

Newport Pink. Salmon-pink.

White. Extra large flowers.

Auricula-Eyed Mixed. Large flowers, beautiful colors.

Dark Crimson (Nigrescens). Darkest color.

Holborn Glory. Crimson and white.

Scarlet Beauty. Brilliant scarlet.

Single Finest Mixed

Prices above 9, each: 1/16 oz.....25c 1/4 oz.....65c 1 oz.....\$1.75 4 oz.....\$5.25

Early Bird Choice Single Mixed. Flowers 2 weeks ahead of the above varieties, beautiful colors. 1/16 oz.....30c 1/4 oz.....75c 1 oz.....\$2.50 4 oz.....\$7.00

Super Duplex Double Choice Mixed. Extra double large flowers. Bright range of beautiful colors. 1/16 oz.....30c 1/4 oz.....75c 1 oz.....\$2.25 4 oz.....\$6.75

Single Midget Mixed (Indian Carpet). 4-5 in. Dense heads of single Sweet William flowers; neat alpine and rock plant. 1/16 oz.....35c 1/4 oz.....\$1.25 1 oz.....\$3.75

Single Midget (Indian Carpet). Dark Crimson. 4-5 in. 1/16 oz.....40c 1/4 oz.....\$1.50 1 oz.....\$4.50

Double Midget Mixed. 4-5 in. 1/16 oz.....30c 1/4 oz.....90c 1 oz.....\$2.70 4 oz.....\$9.00

DICENTRA (DIELYTRA). Frost germinator.

Eximia (Plumy Bleeding Heart). 16,000 S. 12 in. Rose-pink. 1/16 oz.....50c 1/4 oz.....\$1.50

Spectabilis (Bleeding Heart). 6000 S. 3 ft. Heart-shaped rosy red flowers. 1/64 oz.....75c 1/32 oz.....\$1.50 1/16 oz.....\$2.90 1/8 oz.....\$5.50 1/4 oz.....\$10.50

DICTAMNUS. 1700 S. Frost germinator.

Fraxinella (Gas Plant). 30 in. Pink with dark veins. 1/4 oz.....60c 1 oz.....\$2.00

Fraxinella Alba. 30 in. White flowers. 1/8 oz.....40c 1/4 oz.....75c 1 oz.....\$2.50

DIGITALIS (Foxglove). 180,000 S. Biennial.

Excelsior. 4 ft. Florets of this strain are carried either horizontal or nearly so and reveal the full effect of the markings inside the bells. A blend of colorful shades.

1/16 oz.....30c 1/4 oz.....90c 1 oz.....\$2.70

Giant Shirley Mixed. Long flowerspikes. 1/16 oz.....25c 1/4 oz.....50c 1 oz.....\$1.50

DORONICUM (Leopard's Bane). 18,000 S. Gerbera-like flowers, fine for cutting.

Caucasicum. 16 in. Yellow, blooms early April. 1/32 oz.....35c 1/8 oz.....\$1.15 1/4 oz.....\$2.00

Caucasicum Magnificum. 20 in. Golden Yellow. 1/32 oz.....50c 1/8 oz.....\$1.25 1/4 oz.....\$2.25

- DRYAS** (Mountain Avens). Evergreen creeping plant; ground cover or for rockeries.
***Octopetala**. White anemone-like flowers. 1000 seeds.....**75c** 5000 seeds.....**\$3.00**
- ECHINOPS**—**Ritro** (Globe Thistle). 650 seed heads per oz. Globular, metallic blue flower heads on stems, 2 to 3 ft. long. 1/8 oz.....**35c** 1/4 oz.....**55c** 1 oz.....**\$1.75**
- EDELWEISS**. See *Leontopodium*.
- EREMURUS** (Desert Candle). 1400 S. Frost germinator. **Robustus** (Foxtail Lily). 8 ft. Tall elegant, 3 ft. spikes of bright rose-pink. Blooms in 3 years from seed.
 1/16 oz.....**\$1.00** 1/8 oz.....**\$1.90** 1/4 oz.....**\$3.75**
- ERIGERON** (Fleabane). 100,000 S.
***Aurantiacus**. 10 in. Double orange daisy-like flowers. 1/64 oz.....**35c** 1/16 oz.....**\$1.25**
- ERINUS**—***Alpinus**. 6 in. (Liver Balsam). Violet red flowers in May. 1/64 oz.....**75c** 1/32 oz.....**\$1.25**
- ERYNGIUM** (Sea Holly)—**Planum**. 3 ft. Numerous, globular cornflower-blue flower heads, shining stems, leaves are 3 to 5 parted. 1/8 oz.....**40c** 1/4 oz.....**75c** 1 oz.....**\$2.50**
- EUPHORBIA** (Spurge or Wolfmilk).—***Myrsinites**. 2500 S. Gray trailer, succulent-like silvery green foliage with brilliant yellow flowers in May. 1/16 oz.....**50c** 1/8 oz.....**90c** 1/2 oz.....**\$3.00**
Polychroma (Cushion Spurge). 7000 S. 15-18 in. Bushy plants with bright yellow bracts changing to rosy bronze. 1/32 oz.....**80c** 1/16 oz.....**\$1.50** 1/4 oz.....**\$5.00**
- FEVERFEW**. See *Matricaria*.
- FORGET-ME-NOT**. See *Myosotis*.
- FUNKIA OR HOSTA**. 5450 S.—**Coerulea** (ovata). 18 in. Blooms during July, has mauve or blue drooping flowers. 1/16 oz.....**\$1.00** 1/8 oz.....**\$1.75** 1/4 oz.....**\$3.00**
- GAILLARDIA GRANDIFLORA** (Blanket Flower). 10,000 S.
Burgundy. Wine-red flowers. **Dazzler**. Golden yellow, maroon center.
Sun. Deep sungold to orange. **Monarch Strain Mixed**. Bright range of colors.
Portola Hybrid. Red, golden tipped. **Goblin**. 12 in. Red and yellow bicolor.
- Prices above 6, each: 1/8 oz.....**30c** 1/4 oz.....**55c** 1 oz.....**\$2.00** 4 oz.....**\$6.00**
- GENTIANA**. 133,000 S. Frost germinator.
***Acaulis** (Alpine Gentian). 4 in. Produces sheets of deep blue flowers.
 1/32 oz.....**40c** 1/16 oz.....**75c** 1/8 oz.....**\$1.25** 1/4 oz.....**\$2.25**
- GERBERA**. See Annual pages.
- GEUM** (Avens). 7000 S.—**Lady Stratheden**. 2 ft. Double golden yellow flowers.
Mrs. Bradshaw. 2 ft. Double glowing red flowers.
 Prices above 2, each: 1/16 oz.....**30c** 1/4 oz.....**80c** 1 oz.....**\$2.90**
Borisi. Golden orange flowers. 1/32 oz.....**60c** 1/16 oz.....**\$1.00** 1/8 oz.....**\$1.85** 1/4 oz.....**\$3.50**
- GYPHSOPHILA** (Baby's Breath). 34,000 S.
Oldhamiana. 3 ft. Feathery blooms in pink shades. Foliage is silvery overcast. Blooms in fall.
 1/16 oz.....**25c** 1/4 oz.....**75c** 1 oz.....**\$2.50**
Pacifica. 3 ft. Starry pink blossoms on branching panicles. Fine cut flower in Sept. and Oct.
 1/16 oz.....**30c** 1/4 oz.....**\$1.00** 1 oz.....**\$3.75**
Paniculata White. 3 ft. Small single white flowers in July and August.
 1/8 oz.....**25c** 1 oz.....**\$1.00** 4 oz.....**\$3.00**
Paniculata Double Snow Flake. 3 ft. Improved, early flowering double.
 1/16 oz.....**40c** 1/8 oz.....**70c** 1/4 oz.....**\$1.25** 1 oz.....**\$4.00**
***Repens White**. 6 in. Fine for rockeries. 1/16 oz.....**25c** 1/4 oz.....**75c** 1 oz.....**\$2.25**
***Repens Rose**. 6 in. 1/16 oz.....**30c** 1/4 oz.....**90c** 1 oz.....**\$2.70**
- HELENIUM** (Helen's Flower or Sneezeweed).—**Bigolovi**. 2 1/2 ft. Yellow flowers with black disk (June/July). 1/32 oz.....**60c** 1/16 oz.....**\$1.00** 1/8 oz.....**\$1.90**
- HELIANTHEMUM** (Sun Rose). 15,000 S.—***Mutabile**. 8-10 in. Various colors; very attractive evergreen rock plant. 1/16 oz.....**25c** 1/4 oz.....**75c** 1 oz.....**\$2.00**
- HELIOPSIS**—Yellow Daisy. 8500 S.—**Summer Sun**. 3 ft. Double (4 in. across) bright golden flowers on long, strong stems. (July-Sept.) 1/16 oz.....**40c** 1/4 oz.....**\$1.50** 1 oz.....**\$4.50**
- HELLEBORUS** (Christmas Rose). 3,500 S. Frost germinator.
Niger. 15 in. Large white flowers. 1/8 oz.....**60c** 1/4 oz.....**\$1.00** 1 oz.....**\$3.50**
- HEMEROCALLIS** (Day Lily). Frost germinator.—**Peerless Blend**. A wide color range of excellent merit. 100 seeds.....**45c** 500 seeds.....**\$2.00** 1000 seeds.....**\$3.75**
- HESPERIS** (Sweet Rocket). 15,000 S.—**Matronalis**. 40 in. Sweet scented violet flowers.
White. Sweet scented white flowers.
 Prices above 2, each: 1/4 oz.....**30c** 1 oz.....**\$1.00** 4 oz.....**\$3.00**
- HEUCHERA** (Coral Bells). 750,000 S.
Sanguinea. 28 in. Crimson, fine graceful spikes. 1/64 oz.....**50c** 1/32 oz.....**85c** 1/16 oz.....**\$1.60**
Sanguinea Splendens. 28 in. Bright scarlet red. 1/64 oz.....**60c** 1/32 oz.....**\$1.00** 1/16 oz.....**\$1.75**
Bressingham. 24 in. Delicate rose to dark red shades. 1/64 oz., **75c**; 1/32 oz., **\$1.45**; 1/16 oz., **\$2.75**
Pruhoniana. 24 in. Deep rose shade. 1/64 oz.....**75c** 1/32 oz.....**\$1.45** 1/16 oz.....**\$2.75**
Complete Mixture. Wide color range. 1/64 oz.....**60c** 1/32 oz.....**\$1.10** 1/16 oz.....**\$2.00**

HERNIARIA (Rupture-Wort, Burst Wort).—* Glabra . 4-6 in. stems with swollen joints, spreading along the ground several inches, oblong leaves, usually bronzy-red in winter.					
1/64 oz.	50c	1/16 oz.	\$1.80	1/8 oz.	\$3.50
HIBISCUS . 4000 S.— Mallow Marvels Mixed . 4 ft. Fine color range.					
1/8 oz.	30c	1/4 oz.	55c	1 oz.	\$2.00
Avalon Hybrids . 4,800 S. 4 ft. Wonderful colors, full hardiness. 1/16 oz.					
	50c	1/4 oz.	\$1.50		
HIERACIUM (Hawkweed).—* Villosum . Bright golden yellow flowers, silvery woolly leaves, blooms June/July. 1/64 oz.					
	50c	1/16 oz.	\$1.50		
HOLLYHOCK . 3000 S.— Chater's Double . 6 ft.					
Deep Rose Newport Pink Scarlet Yellow White Chater's Double Mixed.					
Imperator . Double crested Tuberos-Begonia-Flowered. Pastel shades mixed.					
Prices above 7, each: 1/8 oz.					
	40c	1/4 oz.	60c	1 oz.	\$2.00
				4 oz.	\$6.00
HYPERICUM (St. Johns Wort). * Olympicum . Subshrub to 1 ft. high. Golden yellow flowers. Hardy North only to Philadelphia. 1/64 oz.					
	40c	1/16 oz.	\$1.20		
Polyphyllum . Dwarf spreading habit, yellow flowers in abundance. 1/128 oz., 50c; 1/32 oz., \$1.75					
IBERIS (Hardy Candytuft). 11,500 S.— Gibraltarica . 12 in. Large, lilac flowers.					
1/8 oz.	25c	1/4 oz.	40c	1 oz.	\$1.35
* Sempervirens . 12 in. White. Blooms in May.					
1/16 oz.	40c	1/8 oz.	65c	1/4 oz.	\$1.25
				1 oz.	\$4.25
INCARVILLEA . 6000 S.— Grandiflora Brevis . 18 in. Brilliant crimson-rose flowers.					
Delavayi . 2 ft. Large, Gloxinia-like purple-rose flowers.					
Prices above 2, each: 1/16 oz.					
	60c	1/8 oz.	\$1.10	1/4 oz.	\$2.00
				1 oz.	\$6.25
INULA (Horseheal).— Ensifolia . Yellow flower heads. Grows about 16 inches tall. Fine for hardy borders. 1/64 oz.					
	35c	1/16 oz.	\$1.10		
IRIS . 7,000 S. Frost germinator— Dichotoma (Vesper Iris). 2 ft. Fragrant flowers in assorted colors. Blooms from July to early Sept. 1/16 oz.					
	50c	1/4 oz.	\$1.50	1 oz.	\$4.25
Kaempferi (Japanese Iris). 2 ft. Wide variety of colors. 1/16 oz., 40c; 1/4 oz., \$1.35; 1 oz., \$4.00					
				Tr. Pkt.	1/4 oz. 1 oz.
KENILWORTH IVY (<i>Linaria Cymbalaria</i>). Small lilac-blue flowers on trailing stems; fine for rock-gardens or baskets.					
			\$0.35	\$1.20	\$4.00
LATHYRUS —(Hardy Sweet Pea)					
Pink Pearl Red Pearl White Pearl Mixture					
			.25	.50	1.80
LAVANDULA —* Munstead Strain . 12 in. Large, sweet scented flowers in abundance, a month earlier than the common lavender. An improved Vera					
			.40	1.00	3.75
LEONTOPODIUM (Edelweiss)—* Alpinum . 6 in.					
		1/16 oz.	\$1.50	.75	
LIATRIS (Gay Feather). 9,500 S.					
Pycnostachya . 4 ft. Long flower spikes of rosy purple					
			.35	.75	2.75
Scariosa Sow White . Blossoms of purest swansdown whiteness					
			.40	1.00	3.00
Spicata . 2 ft. Medium tall spikes of purple, early flowering					
			.35	.75	2.75
LILIES — Regal (Regal Lily). Large trumpet-shaped white flowers					
			.50	1.00	3.75
Tenuifolium (Coral Lily). 18-20 in. Showy glossy scarlet flowers of medium size. May flowering					
			.50	1.50	4.50
Longiflorum White Queen . Pure white. Blooms in 16-18 months after sowing					
		1/16 oz.	\$2.60	.75	10.00
LINARIA —(Toadflax). * Alpina . 2½ inches. Violet blotched orange. Fine for rock gardens. 1/32 oz.					
	\$1.75	1/16 oz.	\$3.25	.50	
Cymbalaria . See Kenilworth Ivy.					
LINUM (Perennial Flax). 8,500 S.					
Perenne . Pretty blue flowers on slender stems, 30 inches					
			.20		.75
Narbonense Heavenly Blue . 12 in. True strain					
		1/8 oz.	\$2.00	.75	3.50
* Flavum Compactum . 8 in. Golden yellow with deep green foliage.					
Fine for rockeries and edgings					
			.40	1.25	4.50
LOBELIA (Cardinal Flower). 725,000 S.					
Cardinalis . 3 ft. Fiery cardinal-red. 1/16 oz.					
	\$1.50	1/8 oz.	\$2.75	.50	
Fulgens Illumination . Dark leaf, large spikes of scarlet flowers.					
1/128 oz.	\$1.75	1/64 oz.	\$3.25	1.00	
Fulgens Queen Victoria . Brilliant scarlet. 1/128 oz.					
	\$1.50			.75	
Syphilitica . 30 in. Sky-blue flowers, hairy leaves, very hardy.					
1/64 oz.	\$1.50	1/32 oz.	\$2.75	.75	
Vedariensis . 2 ft. Violet purple flowers. 1/64 oz.					
	\$1.50			.75	
Mixture . Red, scarlet, blue. 1/64 oz.					
	\$1.00			.50	
LUNARIA — BIENNIS (Honesty or Money Plant) White					
				.25	.40
Biennis Purple . 4 ft. Lilac purple					
				.25	.40
LUPINUS Polyphyllus (Hardy Lupin) 1300 S.					
Russell Strain . Most unusual color range in brilliant self and bicolors.					
Large florets are closely set on huge erect spikes					
				.40	.65
					2.10

	Tr. Pkt.	¼ oz.	1 oz.
LYCHNIS. 64,000 S.— Arkwrightii. 16 in. Large flowers in orange-scarlet to salmon-pink shades.....	\$0.25	\$0.75	\$2.50
Chalcedonica (Maltese Cross). 3 ft. Scarlet flowers.....	.25	.50	1.60
Forrestii. 15 in. Various shades of pink, carmine and white.....	.25	.75	2.50
Haageana. 1½ ft. Very showy, blooms nearly 2 in. across in red, scarlet and crimson shades.....	.35	1.10	3.50
* Viscaria Alpina. Clusters of brilliant rose flowers in spring and early summer. 1/16 oz.....	\$1.75	½ oz.....\$3.00	.50
Viscaria Splendens. 20 in. (German Catchfly). Bright red, May/July blooming.....	.20	.40	1.50
LYTHRUM. 350,000 S.— Roseum Superbum. 3 ft. Spikes of rosy purple.....	.40	1.25	4.25
MATRICARIA (Feverfew). 145,000 S.			
Ultra-Double White. A select florist strain with flowers so double it closely approaches the quality usually obtained from cuttings. 2 ft. 1/16 oz.....	\$1.75	½ oz.....\$3.00	1.00 5.50
All-Double Dwarf. 8-10 in. Dwarf and compact plants with a solid mass of ball-shaped flowers. Very attractive for border work.....			
Golden Ball. Rich butter-yellow.....1/16 oz.....	.50c	.30	1.75 6.00
Snowball. Pure white, very effective.....1/16 oz.....	.50c	.30	1.75 6.00
White Star. 6 in. Blooms have broad petals and a button-like center. 1/16 oz.....	.75c	.40	2.50
MERTENSIA Virginica. 24 in. Virginia Bluebell. Sprays of lovely sapphire blue flowers come from pink-toned buds. Prefers a shady position. Sow in early spring or from November on to assure the longer exposure to low soil temperature.....	½ oz.....\$1.50	.50	2.75
MONARDA (Horse Mint). 73,000 S.			
Didyma. 2½ ft. (Bee Balm). Beautiful scarlet flowers. 1/32 oz.....	\$1.25	½ oz.....\$4.30	.75 8.00
Hybrids Mixed. Red and rose shades. ½ oz.....	\$1.00	.50	1.80
MORONGIA —* Unicata. Hardy Sensitive plant. Perennial trailer with fragrant, pink, fluffball flowers and foliage that folds when touched. For rock garden, bank or wall.....	.50	1.75	
MYOSOTIS (Forget-Me-Not). 44,000 S.			
Blue Bird (Oblongata). 31,500 S. 12 in. Fine for early spring greenhouse flowering. 1/32 oz.....	.20c	½ oz......60c	¼ oz.....\$1.10 1 oz.....\$3.25
* Alpestris Blue Ball. 6 in. Rich indigo blue. Free flowering, compact ball-shaped plants. 1/32 oz.....	.25c	½ oz......75c	¼ oz.....\$1.25 1 oz.....\$4.00
* Alpestris Marina. 5-6 in. Medium blue, branches out well. An outstanding variety for bedding and grave plantings. 1/32 oz.....	.30c	½ oz......85c	¼ oz.....\$1.50 1 oz.....\$5.00
* Alpestris Indigo Blue (Royal Blue). 12 in.			* Alpestris Rosea. 14 in. Pink.
* Alpestris Indigo Blue Compacta. Deep blue.			* Alpestris White. 14 in.
* Alpestris Varieties Mixed. Blue, pink and white. Prices above 5, each: 1/16 oz.....	.30c	½ oz......50c	¼ oz......85c 1 oz.....\$3.25
* Alpestris Victoria. Dwarf, compact, bushy globular plants. 6 to 8 in.			
Dark Blue Rose Sky-Blue White Dwarf Mixture			
Prices above 5, each: 1/16 oz.....	.40c	½ oz......75c	¼ oz.....\$1.25 1 oz.....\$4.50
* Palustris Semperflorens. 12 in. True Marsh Forget-Me-Not. Bright blue flowers from early spring until autumn. 1/16 oz.....	.30c	¼ oz......80c	1 oz.....\$2.65
NEPETA (Cat Mint). 52,000 S. * Mussini. 1 ft. Loose clusters of lavender-blue flowers on terminal spikes, both foliage and flowers aromatic. 1/16 oz.....	.25c	¼ oz......80c	1 oz.....\$2.75
OENOTHERA — Fruticosa Youngii. 20 in. (Sundrops). Large, bright yellow poppy-like flowers in abundance. 1/16 oz.....	.30c	¼ oz.....\$1.00	1 oz.....\$3.50
* Missouriensis (macrocarpa). 5,600 S. 12 in. A low-growing profuse bloomer from June to Sept., large yellow flowers. 1/16 oz.....	.45c	¼ oz.....\$1.70	1 oz.....\$6.00
PENTSTEMON (Beard Tongue). 15,000 S.— Perennial Blend. 3 ft. Wide range of unusual colors, large flowers. 1/16 oz.....	.35c	¼ oz.....\$1.25	1 oz.....\$4.00
Heterophyllus. 2 ft. Long spikes of brilliant blue tubular flowers. 1/32 oz.....	.75c	1/16 oz.....\$1.25	½ oz.....\$2.25 ¼ oz.....\$4.25
PHLOX. Frost Germinator. Decussata New Hybrids. 2500 S. 3 ft. Magnificent, large flowered brilliantly colored types. 1/16 oz.....	.30c	¼ oz.....\$1.00	1 oz.....\$3.00
Divaricata. 16 in. Fragrant flowers of a royal blue-lavender. 1/32 oz.....	.65c	½ oz.....\$2.20	
PHYSALIS (Chinese Lantern). 18,000 S.			
Franchetti. 2 ft. Large orange-scarlet pods. 1/16 oz.....	.25c	¼ oz......80c	1 oz.....\$2.50
Pygmy. 8 in. Fine market plant in pots for Christmas or for perennial borders, very colorful. 1/32 oz.....	.75c	1/16 oz.....\$1.25	½ oz.....\$2.25 ¼ oz.....\$4.25

PHYSOSTEGIA (False Dragonhead). 16,000 S.**Virginica**. 40 in. Rosy lilac flowers.**Virginica Alba**. Pure white flowers.

Above 2, each: 1/16 oz.....	30c	1/8 oz.....	55c	1/4 oz.....	\$1.00	1 oz.....	\$3.50
				Tr. Pkt.	1/4 oz.	1 oz.	

PLATYCODON (Tufted Harebell or Balloon Flower). 28,000 S.**Grandiflora Blue**. 24 in. Early flowering, deep blue.....\$0.35 \$1.25 \$4.00**Grandiflora White**. 24 in......35 1.25 4.00**Grandiflora Double Blue**. 24 in.....1/16 oz.....\$1.50 1/8 oz.....\$2.75 1.00 5.00 9.00**Grandiflora Shell Pink**. 24 in. Large, pretty shell pink bells. 1/8 oz. \$3.00 1.00 5.50 15.50**Nana Mariessi**. 16 in. Dwarf, dark blue flowers......40 1.25 4.00**POLEMONIUM** (Greek Valerian). 32,500 S.**Coeruleum**. 3 ft. (Jacob's Ladder). Blue flowers. 1/16 oz.....25c 1/4 oz.....75c 1 oz.....\$2.50***Richardsoni**. 1 ft. Bluish-purple flowers, has creeping, underground stems. Fine rock garden or blue garden plant. 1/16 oz.....25c 1/4 oz.....75c 1 oz.....\$2.50**POPPY** (Papaver). **Orientele**. 140,000 S. Make colorful beds and borders. 3 ft.**Beauty of Livermere**. Dark oxblood red.**Brilliant**. Vivid fiery scarlet.**Prince of Orange**. Orange scarlet.**Princess Victoria Louise**. Salmon.**Queen Alexandra**. Bright salmon pink.**Oriental Hybrids Mixed**. All colors.

Above 6, each: 1/16 oz.....35c 1/8 oz.....60c 1/4 oz.....\$1.00 1 oz.....\$3.50

Double Apollo. 3 ft. Light scarlet flowers, early blooming. 1/32 oz.....50c 1/8 oz.....\$1.70**POTENTILLA** (Cinquefoil, Five-Finger). Do well in almost any garden soil.***Aurea** (chrysocraspeda). 10 in. Bright yellow flowers. 1/32 oz., 50c; 1/8 oz., \$1.75; 1/4 oz., \$3.00***Nepalensis Miss Willmott**. 12 in. Bright carmine scarlet. 1/32 oz., 40c; 1/8 oz., \$1.40; 1/4 oz., \$2.50**Warrensi**. 24 in. Large bright yellow flowers, excellent variety.

1/32 oz.....40c 1/8 oz.....\$1.40 1/4 oz.....\$2.50

PRIMULA VERIS. 28,000 S. Very useful for spring pot plants. In the garden give them a shaded spot, require moist, rich, well-drained soil.**Acaulis Coerulea**. Finest blue shades. 1/128 oz.....\$1.00 1/32 oz.....\$3.50 1/16 oz.....\$6.50**Acaulis Virginia**. Pure white. 1/128 oz.....65c 1/32 oz.....\$2.50 1/16 oz.....\$4.50**Elatior Lutea**. Sulphur yellow. 1/32 oz.....35c 1/16 oz.....65c 1/8 oz.....\$1.10**Giant Red Shades**. 1/32 oz.....50c 1/16 oz.....90c 1/8 oz.....\$1.75 1/4 oz.....\$3.25**Colossea Superb Mixture**. Finest collection of the largest flowers in a wide range of colors including many soft pastel shades. 1/32 oz., 75c; 1/16 oz., \$1.25; 1/8 oz., \$3.50; 1 oz., \$12.00**Giant Munstead Strain**. White, cream, primrose, yellow and orange shades.

1/32 oz.....50c 1/8 oz.....\$1.50 1/4 oz.....\$2.50 1 oz.....\$8.50

Auricula Monarch Strain Choice Mixed. 100,000 S. The flower stalks rise to a height of 6 inches, bearing heads of large blooms in a wide range of bright colors.

1/32 oz.....50c 1/8 oz.....\$1.50 1/4 oz.....\$2.50 1 oz.....\$8.50

Pacific Giants. Very large flowers in a wide clearer color range with longer stems. Fine for pots and bedding. Seed is produced by hand hybridization under glass.**Blue Shades****Pink Shades****Rose Shades****Scarlet and Bright Red****White****Yellow Shades****Pacific Giants Mixed**

Above 7, each: 1/128 oz.....\$2.00 1/64 oz.....\$3.50 1/16 oz.....\$12.00 1/4 oz.....\$36.00

Denticulata. 345,000 S. Large heads of globular flowers in various shades from white to deep rosy lilac. 1/128 oz.....\$1.00 1/32 oz.....\$3.00 1/16 oz.....\$5.50 1/8 oz.....\$10.00**Japonica**. 1 1/2 ft. (Fairy Primrose). Several whorls of crimson, pink and white flowers on each stalk. 1/32 oz.....50c 1/16 oz.....95c 1/8 oz.....\$1.80 1/4 oz.....\$3.25**Officinalis Hybrida** (Cowslip). Sweet scented flowers in various colors on 8 to 10 inch stems. 1/16 oz.....50c 1/8 oz.....95c 1/4 oz.....\$1.75 1 oz.....\$5.50**Vulgaris**. True. Yellow Primrose, 6 in. 1/32 oz.....35c 1/8 oz.....\$1.10 1/4 oz.....\$1.90**PRUNELLA** (Brunella). ***Grandiflora Rosea**. 10 in. Carmine-rose flowers, July to Sept. Fine for rock gardens or slightly shady parts of the border.***Webbiana**. 10 in. Large violet flowers, otherwise same as above.

Above 2, each: 1/32 oz.....65c 1/16 oz.....\$1.25 1/8 oz.....\$2.25 1/4 oz.....\$4.00

Tr. Pkt. 1/4 oz. 1 oz.

PYRETHRUM-ROSEUM (Painted Daisy). The standard hardy cut flower class.**James Kelway**. Deep velvety red.....\$0.40 \$1.20 \$4.25**Robinson's Roseum**. Rose, extra large flowered......40 1.25 4.75**Robinson's Dark Crimson**. Popular dark crimson......40 1.20 4.25**Robinson's Giant Flowered Single Mixed**. Large flowered......40 1.20 4.25**Extra Double Market Strain**. An excellent double mixture......50 1.75 6.00**RAMONDA**.—***Myconi** (pyrenaica). 3 in. Rosette-like dark green leaves, broadly bell-shaped dark violet flowers. Sow seed in spring and over-winter the small plants in a cold frame. Splendid for rock crevices in a cool shaded place or on the shady side of a rock wall. Plants do well in acid soil and need perfect drainage. Tr. Pkt.....\$1.25 1/128 oz.....\$3.50**RANUNCULUS**—**"CORONA"** Mixed. Plants of this new strain are of robust growth and produce full double blooms in a riot of colors on strong stems. 1/16 oz.....75c 1/4 oz.....\$2.60 1 oz.....\$8.25

- RUDBECKIA—Purpurea** (Echinacea). 7000 S. 4 ft. Reddish-purple. $\frac{1}{8}$ oz., 45c; $\frac{1}{4}$ oz., 85c; 1 oz., \$3.20
- SALVIA** (Flowering Sage). 3800 S.
- Azurea Grandiflora** (Pitcheri). 3 ft. Large, blue flowers. 1/16 oz., 60c; $\frac{1}{8}$ oz., \$1.00; $\frac{1}{4}$ oz., \$1.75
- Argentea**. White flowers on 3 ft. stems, mostly grown for its highly decorative silver rosettes of broad leaves. $\frac{1}{8}$ oz. 60c $\frac{1}{4}$ oz. \$1.00 1 oz. \$3.00
- *Jurisici**. 12 in. Low-growing, blue flowers. 1/64 oz. 50c 1/16 oz. \$1.80 $\frac{1}{8}$ oz. \$3.25
- Patens**. 2½ ft. Large, bright blue flowers. 1/16 oz., 60c; $\frac{1}{8}$ oz., \$1.00; $\frac{1}{4}$ oz., \$1.75; 1 oz., \$5.50
- Pratensis**. 3 ft. (Tuberous Rooted Salvia). Bright blue flowers. 1/16 oz., 50c; $\frac{1}{4}$ oz., \$1.80
- Pratensis Rosea**. Wide heavy flower plumes of rich rose-pink. 1/16 oz., 60c; $\frac{1}{4}$ oz., \$2.00
- SANTOLINA—Chamaecyparissus** (tomentosa). Mostly grown for its silvery-gray foliage, yellow flowers. 1/128 oz. 75c 1/32 oz. \$2.25
- SAPONARIA** (Rock Soapwort). 5600 S. ***Ocymoides**. 1 ft. Rose flowers.
- $\frac{1}{8}$ oz. 25c $\frac{1}{4}$ oz. 45c 1 oz. \$1.50
- SAXIFRAGA** (Rockfoil). 445,000 S. ***Caespitosa**. 10 in. Dwarf green tufts, white flowers.
- *Caespitosa Decipiens Grandiflora**. 10 in. Large white flowers, dwarf green tufts.
- *Caespitosa Purple Robe**. 8 in. Dwarf green tufts, rosy-purple flowers.
- *Umbrosa**, Elliott's Strain. (London pride, St. Patrick's—cabbage). Grows to 10 inches high, has thick, ovalish leaves, bright rose flowers.
- *Mossy Species Mixed**. Effective display.
- Above 5, each: 1/64 oz. 50c 1/16 oz. \$1.90 $\frac{1}{8}$ oz. \$3.60
- SCABIOSA**. 2400 S. Bloom from June to September, excellent for cutting.
- Caucasica Alba**. 40 in. Large flowered white. $\frac{1}{8}$ oz. 70c $\frac{1}{4}$ oz. \$1.25 1 oz. \$4.00
- House's Hybrids**. Very large flowers in shades of lavender, light blue to deep blue and silvery white. 1/16 oz. 40c $\frac{1}{8}$ oz. 70c $\frac{1}{4}$ oz. \$1.25 1 oz. \$4.00
- SEDUM** (Stonecrop). 400,000 S.
- *Acre** (Golden Carpet). 3 in. Creeping Mossy Stonecrop. Has small leaves and bright yellow flowers in June. 1/64 oz. 50c 1/16 oz. \$1.80
- *Aizoon**. Grows to 16 inches high, with upright stems, has terminal clusters of yellow flowers.
- 1/64 oz. 25c 1/16 oz. 75c $\frac{1}{8}$ oz. \$1.25
- *Album** (Worm grass). Creeping evergreen forming mats to 8 inches high, variable. White flowers, $\frac{3}{8}$ in. across. 1/128 oz. 75c 1/64 oz. \$1.40 1/32 oz. \$2.75
- *Reflexum Elegant**. Creeping evergreen forming pike-gray cushions to 8 inches. Bright yellow flowers from June to August. 1/128 oz. 75c 1/64 oz. \$1.40 1/32 oz. \$2.50
- *Selskianum**. Bright yellow flowers in large leafy umbel-like clusters. 4 inch cushions.
- 1/64 oz. 35c 1/16 oz. \$1.25 $\frac{1}{8}$ oz. \$2.40
- *Spectabile** (Fabaria). Bluish-green cushions to 12 inches high with pink flowers.
- 1/128 oz. 75c 1/64 oz. \$1.40 1/32 oz. \$2.75
- *Spurium Coccineum**. Creeping evergreen forming mats to 6 inches high with pink flowers.
- 1/64 oz. 40c 1/32 oz. 75c 1/16 oz. \$1.35
- *Spurium Coccineum Bronze Carpet**. Same as above with bright rose flowers and reddish stems and leaves. 1/128 oz. 55c 1/32 oz. \$2.00 1/16 oz. \$3.75
- *Many Species Mixed**. 1/64 oz. 40c 1/16 oz. \$1.50 $\frac{1}{8}$ oz. \$2.75
- SEMPERVIVUM** (Houseleek). 400,000 S. ***Perennial Species Mixed**. Low-growing plants with alternate, thick fleshy leaves that frequently form compact rosettes with dense heads of flowers in pink, yellow, greenish-white and carmine. Mainly grown for their attractive foliage. Splendid for rockeries, rock walls, perennial borders and in miniature gardens.
- Tr. Pkt. (1250 s.) 75c 1/128 oz. \$1.50
- SIDALCEA** (False Mallow, Miniature Hollyhock). 12,500 S.
- New Hybrids Mixed**. Plants grow from 2 to 4 ft. high and bear pink, white or purplish flowers in spikes or clusters, greatly resembling Hollyhocks, except that they are smaller.
- 1/16 oz. 40c $\frac{1}{8}$ oz. 75c $\frac{1}{4}$ oz. \$1.25
- SILENE** (Catchfly, Cushion Pink). 61,000 S. ***Alpestris** (Alpine Catchfly) 6 in. Has sticky stems and terminal clusters of satiny white flowers, May-July.
- 1/64 oz. 65c 1/32 oz. \$1.25 1/16 oz. \$2.25 $\frac{1}{8}$ oz. \$4.00
- Schafta** (Moss Campion). Grows to 6 inches high in a rosette, has rosy purple flowers.
- 1/64 oz. 35c 1/16 oz. \$1.25 $\frac{1}{8}$ oz. \$2.25 $\frac{1}{4}$ oz. \$4.25
- SOLDANELLA** (Alpine Bells). ***Alpina**. 4 in. Has roundish leaves and pale blue flowers in umbels. For moist shady places in the rock garden. Tr. Pkt. \$1.25 1/128 oz. \$2.50
- SOLIDAGO** (Goldenrod). Fine plants for the perennial border; produce good flowers for cutting.
- Early Gold**. 5 ft. Large yellow sprays. 1/32 oz. 40c $\frac{1}{8}$ oz. \$1.50 $\frac{1}{4}$ oz. \$2.85
- Golden Baby**. 2 ft. Compact, rigid, upright growth. Dense, short golden yellow sprays during July/August. 1/32 oz. 35c $\frac{1}{8}$ oz. \$1.25 $\frac{1}{4}$ oz. \$2.40
- Virgaurea Nana**. 16 in. Dense sprays of lemon chrome. 1/32 oz., 25c; $\frac{1}{8}$ oz., 75c; $\frac{1}{4}$ oz., \$1.25
- SPERGULA—Piliifera** (Sagina subulata). Evergreen creeper, densely tufted, covering the ground like a sheet of moss. Excellent for rock walls. One 64th of an ounce will seed, when mixed carefully into a pail of fine screened sand about 300 feet of terrace, swept into the crevices. Keeps grass and weeds away and looks exactly like the finest moss.
- 1/128 oz. \$1.00 1/64 oz. \$1.75
- STACHYS—Lanata** (Lambs-Ears). Grows to 18 inches high clothed with densely soft-white-woolly leaves. Small purple flowers. Chiefly grown as a foliage bedding plant.
- 1/16 oz. 50c $\frac{1}{4}$ oz. \$1.75 1 oz. \$6.00

STATICE (*Limonium* species). Good for cutting, can be dried and dyed.

Dumosa, 19,000 S. 18 in. Dense cushions of silver-gray flowers. 1/8 oz., **40c**; 1/4 oz., **75c**; 1 oz., **\$2.50**

Latifolia (Sea Lavender), 40,000 S. 2 1/2 ft. Lavender-blue flowers. 1/8 oz., **35c**; 1/4 oz., **65c**; 1 oz., **\$2.40**

STOKESIA (*Stokes Aster*). 3300 S. **Cyanea**, 1 1/2 ft. Large blue flowers.

1/8 oz. **50c** 1/4 oz. **90c** 1 oz. **\$3.00**

SWEET WILLIAM. See *Dianthus Barbatus*.

TEURICUM, 19,000 S. ***Chamaedrys**. Shrub-like, glossy green foliage somewhat resembling dwarf Boxwood. Natural height 12 in. or it can be sheared or clipped to form a low hedge.

Full sun and for hedges plant 8 inches apart. 1/32 oz. **40c** 1/8 oz. **\$1.25** 1/4 oz. **\$2.25**

THALICTRUM (Meadow Rue). 12,000 S. **Aquilegifolium Mixed**, 3 ft. Graceful foliage with white, purple and orange flowers. 1/8 oz. **35c** 1/4 oz. **60c** 1 oz. **\$2.00**

Dipterocarpum, 2 ft. Nodding clusters of pale rose flowers. 1/16 oz., **25c**; 1/4 oz., **75c**; 1 oz., **\$2.50**

THERMOPSIS, 6,600 S. Frost germinator.

Caroliniana, 4 ft. Yellow pea-shaped flowers in long Lupin-like racemes.

1/8 oz. **40c** 1/4 oz. **70c** 1 oz. **\$2.40**

TRADESCANTIA (Spiderwort) 10,800 S. **Virginica**, 2 ft. Purplish blue flowers, long narrow leaves.

1/32 oz. **50c** 1/8 oz. **\$1.80** 1/4 oz. **\$3.50**

TRITOMA (*Kniphofia*) (Torch Lily, Red Hot Poker). 20,000 S.

Mirabilis, 3 ft. Yellow and orange shades, blooms first year from an early sowing.

Pfitzer's Hybrids, 3 ft. Giant spikes of brilliant red. Tritomas make excellent cut flowers.

Above 2, each: 1/8 oz. **40c** 1/4 oz. **75c** 1 oz. **\$2.40**

TROLIUS (Globe Flower). 8000 S. Frost germinator.

Ledebouri Golden Queen, 3 ft. Deep orange, 1/32 oz. **40c** 1/16 oz. **75c** 1/8 oz. **\$1.25**

New Hybrids Mixed, All Colors. 1/32 oz. **45c** 1/16 oz. **80c** 1/8 oz. **\$1.40** 1/4 oz. **\$2.60**

TUNICA (Tunic Flower). 250,000 S. ***Saxifraga**, 9 in. Lavender flowers.

1/32 oz. **25c** 1/8 oz. **75c** 1/4 oz. **\$1.25**

VERBASCUM (Mullein). **Olympicum** (Biennial). 4 to 6 ft. Bright yellow flowers carried on a thick stalk, woolly leaves. 1/16 oz. **35c** 1/4 oz. **\$1.20** 1 oz. **\$4.50**

Phoeniceum Mixed, 3 ft. Shades of white, pink, salmon and purple. Attractive border plant.

1/16 oz. **30c** 1/4 oz. **\$1.00** 1 oz. **\$3.20**

VERBENA, 134,000 S. **Bonariensis Improved**. Numerous terminal umbels of rosy lavender flowers on upright growing, slender branched stems. Germination is slow unless sown in a temperature of 75°. If sown early, will flower the first year. 3 to 4 ft. 1/32 oz., **35c**; 1/8 oz., **\$1.25**; 1/4 oz., **\$2.25**

VERONICA (Speedwell). 250,000 S. Free-flowering plants of great value in the perennial garden.

***Incana**, 10 in. Pretty white hairy foliage with *Ageratum* blue flowers.

1/64 oz. **40c** 1/16 oz. **\$1.25** 1/8 oz. **\$2.35**

Longifolia, 2 1/2 ft. Dense, long blue racemes. 1/16 oz., **30c**; 1/8 oz., **55c**; 1/4 oz., **\$1.00**; 1 oz., **\$3.00**

***Repens**, 2 in. dwarf, creeping with bluish flowers. 1/64 oz., **35c**; 1/16 oz., **\$1.25**; 1/8 oz., **\$2.25**

***Spicata**, 18 in. (Cat's-tail Speedwell). Dense clusters of blue flowers from June to August, a fine cut flower. 1/16 oz. **30c** 1/4 oz. **90c** 1 oz. **\$3.00**

***Teuricum Royal Blue**, 1 ft. (Germander Speedwell). Gentian blue flowers on bushy plants.

Fine for rockeries and border. 1/64 oz. **30c** 1/16 oz. **\$1.00** 1/8 oz. **\$1.75**

VIOLA CORNUTA, 25,000 S. Perfectly hardy, fine for bedding.

Admiration, Dark blue, large flowers. 1/16 oz. **50c** 1/8 oz. **90c** 1/4 oz. **\$1.60** 1 oz. **\$5.25**

Arkwright Ruby, Maroon with dark center. 1/16 oz., **55c**; 1/8 oz., **\$1.00**; 1/4 oz., **\$1.75**; 1 oz., **\$6.00**

Blue Perfection, Clear medium blue large flowers

1/16 oz. **50c** 1/8 oz. **90c** 1/4 oz. **\$1.60** 1 oz. **\$5.50**

Chantreyland, Pure apricot, extra large flowered.

1/16 oz. **55c** 1/8 oz. **\$1.00** 1/4 oz. **\$1.75** 1 oz. **\$6.00**

Jersey Gem, Deep blue, large flowered.

1/32 oz. **50c** 1/16 oz. **90c** 1/8 oz. **\$1.65** 1/4 oz. **\$3.00** 1 oz. **\$9.00**

King Henry, Violet blue with lavender center and yellow eye.

1/16 oz. **50c** 1/8 oz. **90c** 1/4 oz. **\$1.60** 1 oz. **\$5.75**

Lutea Splendens, Clear golden yellow. 1/16 oz. **50c** 1/8 oz. **90c** 1/4 oz. **\$1.75** 1 oz. **\$5.50**

Papilio, Violet-blue with creamy yellow blotch. 1/16 oz. **50c** 1/8 oz. **90c** 1/4 oz. **\$1.60**

Scottish Yellow, Large, pure golden yellow flowers retaining size and freedom of bloom through a long season. 1/16 oz. **60c** 1/8 oz. **\$1.10** 1/4 oz. **\$1.85** 1 oz. **\$6.00**

White Perfection, Large flowered white. 1/16 oz. **50c** 1/8 oz. **90c** 1/4 oz. **\$1.75** 1 oz. **\$6.00**

Yellow Gem, Rounded, pure golden yellow flowers on extremely compact plants; excellent variety. 1/16 oz. **60c** 1/8 oz. **\$1.10** 1/4 oz. **\$1.85** 1 oz. **\$6.00**

Special Mixture of large flowering varieties. 1/16 oz., **35c**; 1/8 oz., **65c**; 1/4 oz., **\$1.25**; 1 oz., **\$4.75**

Improved Scottish Mixture (Bambini). A remodeled type of the old scottish mixture. Plants are of upright, compact habit and extremely free blooming. Color range is very bright and gay including many unique shades. 1/16 oz., **50c**; 1/8 oz., **90c**; 1/4 oz., **\$1.65**; 1 oz., **\$5.50**

TOYLAND (F-2). Huge, 2 inch blooms gracefully waved on vigorous, sturdy, compact plants. Pure colors and combinations of mahogany red, gold, apricot, blue, purple, violet black and white. Extremely free blooming. 1/32 oz., **40c**; 1/16 oz., **75c**; 1/8 oz., **\$1.25**; 1/4 oz., **\$2.25**; 1 oz., **\$8.50**

VIOLA—VARIOUS TYPES. 43,000 S.

Blue Elf. Three colored blooms of deep violet, light blue and gold are freely produced on low-growing plants with small dark green foliage.

Johnny Jump Up. Pansy-like faces of purple, blue and yellow combinations are produced in abundance.

Nigra (Black Improved). Small, velvety coal black flowers. Very interesting and attractive.

Above 3, each: 1/32 oz.....**45c** 1/8 oz.....**\$1.35** 1/4 oz.....**\$2.50** 1 oz.....**\$7.50**

VIOLA—Odorata Semperflorens. 9000 S. The popular fragrant **Blue Sweet Violet.**

1/16 oz.....**65c** 1/8 oz.....**\$1.10** 1/4 oz.....**\$2.00** 1 oz.....**\$6.00**

VISCARIA. See *Lychnis*.**YUCCA** (Adams Needle or Spanish Bayonet). 1750 S. Frost germinator.

Aloifolia (Spanish Bayonet). Grow to 25 ft. high with leaves 2½ ft. long and 2½ inch wide, very sharp pointed, white flowers often tinged with purple, 4 in. across in panicles to 2 ft. long.

Filamentosa (Adams Needle.) Nearly stemless, leaves to 2½ ft. long and 1 inch wide. The flower stalk may reach 8 to 12 ft. high. Creamy-white flowers.

Above 2, each: 100 seeds.....**\$1.25** 500 seeds.....**\$5.00** 1000 seeds.....**\$9.00**

VEGETABLE SEEDS FOR FLORISTS

ASPARAGUS

One ounce will produce 600 roots. Plant roots 2 feet apart in rows 4 feet apart. About 5,500 plants per acre.

Mary Washington. Developed by Dr. J. B. Norton, U.S. Department of Agriculture, for resistance to asparagus rust, and considered the most desirable of the Asparagus family. Black loam is most desirable soil for growing Asparagus.

1 oz.....**30c** 4 oz.....**95c** 8 oz.....**\$1.70** 1 lb.....**\$3.25**

BEANS

Black Valentine Stringless. Green.

Giant Stringless. Green.

Streamliner. 55 days. Green.

Burpee's Bush Lima Imp. 75 days.

Bountiful Stringless. Green.

Golden Bountiful Wax.

Wade. 55 days. Green.

Kentucky Wonder. Green pole.

Above 8, each: 4 oz.....**30c** 1 lb.....**90c** 2 lbs.....**\$1.70** 5 lbs.....**\$3.00**

BEETS

Crosby's Egyptian. 50 days. Flattened globe shape, dark purplish-red, excellent for bunching.

Detroit Dark Red. 55 days. Short top, globe shape. One of the most universally used types.

Early Wonder or Boston Crosby. 50 days. Valuable for beet greens as well as globular roots.

Extra Early Flat Egyptian. 45 days. Earliest and best for forcing or home gardens.

Prices above 4, each: 1 oz.....**25c** 4 oz.....**60c** 1 lb.....**\$1.80**

BROCCOLI

Green Sprouting. Early, valuable all-season. ½ oz.....**25c** 1 oz.....**40c** 4 oz.....**\$1.35** 1 lb.....**\$4.25**

BRUSSELS SPROUTS

F₁ Hybrid "Jade Cross" (All America 1959). 80 days. Is early, has excellent color, and is very productive, so that it will rapidly outmode all other varieties.

1/16 oz.....**50c** 1/8 oz.....**90c** 1/4 oz.....**\$1.75** 1/2 oz.....**\$3.25** 1 oz.....**\$6.25** 4 oz.....**\$24.00**

Long Island Improved. 90 days. 20 inches tall, good keeper. ½ oz.....**30c** 1 oz.....**50c** 4 oz.....**\$1.75**

CABBAGE

Approximately 7000 seeds per oz. Sow in March. Grow cool after transplanting.

F₁ HYBRID "EMERALD CROSS" (All America Winner). 67 days. Very early, round head type with all the characteristics of Copenhagen Market plus hybrid vigor and remarkable uniformity. Large heads of finest quality. 1/16 oz., **50c**; 1/8 oz., **90c**; 1/4 oz., **\$1.65**; 1 oz., **\$4.00**; 4 oz., **\$12.00**

F₁ HYBRID "O-S CROSS" (All America Winner). 75 days. Huge size heads of extreme vigor, uniformity and quality weighing 10 lbs. and more.

1/8 oz.....**35c** 1/4 oz.....**65c** 1/2 oz.....**\$1.15** 1 oz.....**\$2.00** 4 oz.....**\$6.00**

YELLOW RESISTANT VARIETIES:

All Seasons. 90 days. Fine variety for kraut. ½ oz.....**30c** 1 oz.....**50c** 4 oz.....**\$1.75**

Bugner. 100 days. Most popular cabbage for market, home garden, kraut and storage. Round heads, slightly flattened weighing 10 lbs. and more. ½ oz.....**40c** 1 oz.....**65c** 4 oz.....**\$2.00**

Golden Acre Resistant. 65 days. Round head, short stem, uniform and firm.

1/2 oz.....**40c** 1 oz.....**65c** 4 oz.....**\$2.25** 1 lb.....**\$6.75**

Jersey Queen. 63 days. The resistant Jersey Wakefield. ½ oz.....**30c** 1 oz.....**50c** 4 oz.....**\$1.65**

Marion Market. 75 days. A little later and larger heads than Copenhagen Market. Heavy producer and excellent for kraut. ½ oz.....**30c** 1 oz.....**50c** 4 oz.....**\$1.60**

Racine Market, Wisconsin Pride. 64 days. Large, round headed, uniform cabbage with blue green color. 1/2 oz.....**35c** 1 oz.....**55c** 4 oz.....**\$1.65**

Wisconsin Hollander No. 8. 110 days. Dark green round heads weighing 8 lbs. Good keeper during the winter months. ½ oz.....**30c** 1 oz.....**50c** 4 oz.....**\$1.65**

CABBAGE — STANDARD VARIETIES

Charleston or Large Wakefield. 73 days. Fine early cabbage, conical head.
Copenhagen Market. 67 days. Good for early market, home garden or kraut.
Danish Ballhead, Short Stem. 105 days. Large, solid round heads. Best late variety.
Early Jersey Wakefield. 62 days. Solid, pointed or conical heads. Very early and uniform strain.
Early Flat Dutch (Steins). 75 days. Firm, nearly round heads, a very good keeper.
Late Flat Dutch. 100 days. A dependable variety with very large flat heads; good keeper.

Above 6, each: ½ oz.....	25c	1 oz.....	40c	4 oz.....	\$1.20	1 lb.....	\$4.50
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RED CABBAGE—Mammoth Rock Red. 100 days. Best red variety. ½ cz., 30c; 1 oz., 50; 4 oz., \$1.75
SAVOY—Perfection Drumhead. 90 days. Large, solid heads, round as a ball. Sweet and tender, easily stored for winter use. ½ oz.....30c 1 oz.....50c 4 oz.....\$1.60
CHINESE or CELERY CABBAGE—Michihli. 70 days. Improved strain of Chihli. Very fine table quality. 1 oz.....25c 4 oz.....80c 1 lb.....\$2.50

CARROTS

	1 oz.	4 oz.	1 lb.
Chantenay, Greater. 75 days. Excellent bunching type.....	\$0.30	\$0.90	\$2.70
Danvers Half Long. 75 days. Tapering to a blunt point.....	.30	.90	2.70
Gold Pak. Long, smooth (8 to 10 in.). All-America Winner.....	.45	1.40	4.20
Nantes Half Long or Coreless. 70 days. Most tender.....	.30	1.00	3.00

CAULIFLOWER

Burpeeana (Extra Early Strain of Super Snowball). Large, pure white solid heads.
Early King. 54 days. Larger, much deeper through and more solid than any other variety.
 Above 2, each: ⅓ oz.....40c ¼ oz.....75c 1 oz.....\$2.50 4 oz.....\$8.50 1 lb.....\$24.00

CELERY

Giant Pascal. 140 days. Standard green Celery. ¼ oz., 35c ½ oz., 65c 1 oz., \$1.20 4 oz., \$4.00
Summer Pascal. 100 days. Long solid, crisp, stringless; excellent quality.
Golden Self-Blanching. 90 days. Stocky, solid, thick, stalks blanching easily.
 Prices above 2, each: ¼ oz.....40c ½ oz.....75c 1 oz.....\$1.25 4 oz.....\$4.50
CELERIAC (Rooted or German Celery)—Large Smooth Prague. 100 days. Used for flavoring in salads, soups, dressings, etc. ¼ oz.....30c ½ oz.....55c 1 oz.....\$1.00 4 oz.....\$3.75

CHERVIL

Double Curled. 1 ounce of seed for a 100 foot row. Germinates slowly and grows slowly until plants are 2 inches tall. Thin to about 5 inches apart. 1 oz.....25c 4 oz.....75c 1 lb.....\$2.25

CHICORY

Plant early as possible. ½ ounce for a 100 foot row. Thin plants to 6 inches.

Asparagus. Young, tender sprouts, shooting always fresh from the roots.
Magdeburg. Large rooted. **Witloof or French Endive.** Fancy.
 Above 3, each: ½ oz.....20c 1 oz.....30c 4 oz.....90c

CHIVES

"Grass Onion". Used for flavoring. ¼ oz.....35c 1 oz.....\$1.20 4 oz.....\$3.75 1 lb.....\$11.25

SWEET CORN

	¼ lb.	½ lb.	1 lb.
Golden Bantam. 80 days. One of the sweetest and best.....	\$0.25	\$0.40	\$0.75
Golden Cross Bantam. 79 days. Hybrid. Excellent for canner or market garden for mid-season.....	.35	.50	.85
Golden Midget. 70 days. The sweetest of all Sweet Corns. Stalks 2½ to 3 ft. tall.....	.30	.45	.80
Surprise (Improved Spancross). 64 days. 6¾ by 1¾ inch ears.....	.35	.50	.85

CRESS

Curled Garden (Peppergrass). 50 days. Hardy, quick growing, finely curled deep green foliage, pungent flavor. 1 oz. will plant the equivalent of 50 foot of row.
 ½ oz.....20c 1 oz.....30c 4 oz.....75c 1 lb.....\$2.00
Water Cress. 75 days. Perennial water plant; long stems, small thick leaves, pungent flavor. Used for salads and garnishing. ½ oz.....60c 1 oz.....\$1.00 4 oz.....\$3.35

CUCUMBER

Approximately 1000 seeds per oz. 1 oz. for 80 hills or 200 foot row. Distance between rows 3 to 5 ft.

***Burpee Hybrid.** 60 days. A high-class cucumber for the home garden, market grower, shipper and greenhouse culture. High resistance to mosaic and downy mildew are the outstanding attributes of this true, first generation F₁ hybrid, white spine, slicing type cucumber. Heavy yielder with dark green fruits, 8 in. and more long, 2½ in. wide, square at both ends with medium seed cavity and crispy, white flesh of excellent quality.

***Early Surecrop Hybrid.** All-America Winner. Disease Resistant Slicer; fruit is long, thin and dark green. Highly recommended. 65 days.

***Long Green Hybrid.** 54 days. Has a tender skin, therefore, much superior to the regular Long Green; lacks seediness and has smaller seeds. Is very resistant to downy mildew and mosaic, also to spot-rot. It is a triple-purpose type — pickles slices, chunks and fresh cucumber slicing.

Above 3, each: ¼ oz.....**75c** ¼ oz.....**\$1.25** ½ oz.....**\$2.25** 1 oz.....**\$4.00** 4 oz.....**\$12.50**

Chicago Pickling. 6 in.

Longfellow. 12-14 in.

Improved Long Green. 12 in.

Straight 8. Early slicer.

National Pickling. 5 in.

West India Gherkin.

Above 6, each: 1 oz.....**30c** 4 oz.....**85c** 1 lb.....**\$2.50**

DILL

Long Island Mammoth. Used for pickles. 1 oz.....**25c** 4 oz.....**60c** 1 lb.....**\$1.75**

EGG PLANT

***Mission Bell Hybrid.** An excellent quality Hybrid Egg Plant, much earlier, more uniform and productive than the regular varieties. Deep oval shaped fruit, slightly tapering toward stem, dark shiny smooth skin.

½ oz.....**\$1.25** ¼ oz.....**\$2.40** ½ oz.....**\$4.00** 1 oz.....**\$7.50**

Black Beauty. 80 days. Excellent market type. Dark purple fruits, broad egg-shaped.

Fort Myers Market (Florida High Bush.) 83 days. Resistant to disease and excessive heat. Oval fruits carried well above ground. Vigorous tall plant.

Above 2, each: ¼ oz.....**25c** ½ oz.....**45c** 1 oz.....**85c** 4 oz.....**\$2.90** 1 lb.....**\$8.75**

ENDIVE

Full Heart Batavian. "Escarolle". Large thick dark green leaves, compact head, easy blanching.

Green Curled. Standard variety for fall and winter.

Above 2, each: ½ oz.....**20c** 1 oz.....**35c** 4 oz.....**\$1.00** 1 lb.....**\$3.00**

HERBS

	Tr. Pkt.	¼ oz.	1 oz.
Anise. Used for garnishing and flavoring.....	\$.....	\$0.15	\$0.45
Basil, Sweet. Leaves, green or dried, are chiefly used for seasoning.....	.....	.20	.60
Borage (Gurkenkraut) .....	.....	.15	.45
Caraway (Kuemmel). Seeds are used for flavoring bread etc.....	.....	.15	.40
Cardoon. Spineless .....	.....	.20	.60
Coriander. Green leaves are used in soups, etc., dried seeds in meats, sausages, sauces, pickles etc.....	.....	.....	.35
Chamomile. (Matricaria Officinalis). Fragrant. Dried flowers used for tea....	.25	.40	1.25
Catnip or Catmint. Perennial. Excellent tonic for animals. Green or dried leaves are used for seasoning and as a tea for nervous headaches.....	.15	.30	1.00
Fennell, Sweet Florence......	.....	.15	.45
Horehound. Leaves steeped in boiling water good cough remedy.....	.15	.25	.90
Hyssop	.15	.25	.85
Lavender, True. Flowers are dried and used as a repellent to moths. Sweet scented, light lavender-blue flowers.....	.30	.55	2.00
Lovage (Liebstock). Used for seasoning meats and soups.....	.25	.45	1.50
Peppermint (Mentha Piperita).....	1/16 oz., 85c	.45	3.00
Rosemary (Rosmarin). Leaves used for seasoning.....	.30	1.00	3.50
Rue (Ruta graveolens). Perennial. 19-22 in. tall, very strong odor and very bitter; used for seasoning.....	.20	.35	1.35
Sage. Fresh or dried leaves are used for seasoning poultry, sausage, other meats, dressing and fillings, etc.....	.15	.25	.75
Savory, Summer. Used for flavoring salads, dressings, stews and gravies.....	.15	.....	.50
Savory, Winter. Perennial Savory.....	.15	.25	.90
Sweet Marjoram. Nice for seasoning, either fresh or dried leaves.....	.20	.30	1.00
Thyme (Thymian). Perennial. Has aromatic foliage used for seasoning.....	.15	.50	1.50
Woodruff (Waldmeister). (Asperula Odorata).....	.40	.75	2.50
Wormwood (Wermut). (Artemisia absinthium).....	.20	.45	1.50

KALE or BORECOLE

Dwarf Green Curled. 55 days. 15 in. tall. ½ oz.....20c 1 oz.....30c 4 oz.....75c

KOHL-RABI

		½ oz.	1 oz.	4 oz.
Early White Vienna. 55 days. Popular extra early short-topped variety.....	\$0.20		\$0.35	\$1.10
Early Purple Vienna. 60 days. Same as White except purple color.....	.20		.35	1.10

LEEK

Broad Scotch or London Flag. ½ oz. for a 100 foot row. ½ oz.....30c 1 oz.....50c 4 oz.....\$1.75

LETTUCE

¼ oz. for 100-foot row. 2 lbs. will plant an acre with rows 16x20 inches apart. 15,000 s. per oz.

BUTTERCRUNCH (Bibb Type). 1963 All America Winner. A Cornell University introduction. A heavy, quite compact butterhead type; crisp, but juicy. A great improvement over the regular Bibb. ⅛ oz.....35c ¼ oz.....70c ½ oz.....\$1.25 1 oz.....\$2.35 4 oz.....\$7.00

	½ oz.	1 oz.	4 oz.
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Bibb Forcing. A delicacy for American dinner tables, crisp, tender and delicious. One of the best winter forcing varieties. 1 lb.....\$3.00 \$0.20 \$0.35 \$1.00

Grand Rapids Forcing. Loose-leaved variety best for greenhouse forcing. 1 lb.\$3.00 .15 .30 1.00

Black-Seeded Simpson. Early curled with broad frilled light green leaves. Best for outdoors15 .25 .75

Big Boston. A cabbage butterhead type, buttery yellow at heart..... .15 .30 1.00

Deer Tongue. A fine home garden lettuce. Attractive green heads of excellent quality. Leaves shaped like a deer's tongue with a heavy midrib. Resists heat; plants slow to bolt..... .20 .40 1.25

Great Lakes. A tight-heading fine lettuce; slow to bolt, remains sweet the whole season30 .60 2.00

Imperial 456. Suitable to grow during July and August, sure heading. Withstands high temperatures and tip burn..... .35 .65 2.00

New York 12. Early, sure heading Iceberg type..... .25 .50 1.50

Oak Leaf. Small, tender, deep green leaves. Withstands hot weather without turning bitter25 .45 1.40

Prizehead. One of the most popular varieties, producing large, tender, loose heads of bright green, curled and crimped leaves which are heavily shaded with brownish red..... .15 .25 .75

Salad Bowl. Distinctive loose leave type. Large, bright green leaves, slow bolting, non-heading. Stands summer heat exceptionally well..... .35 .65 2.00

Cos or Romaine. Parris Island. 75 days. Select strain of Cos..... .20 .40 1.25

MUSTARD

Green Wave. 1958 All America winner. Longest standing, dark green curled Mustard. When mature will stand a long time before going to seed. 1 oz.....25c 4 oz.....70c 1 lb.....\$1.75

MUSKMELON

F₁ Hybrid "Super Market". 84 days. Very high outstanding yield and excellent hybrid for home and market gardens. Resistant to fusarium and downey mildew. Vigorous vine with round to oval fruit, measuring 7 in. long and 6 in. in diameter, weighing 4-5 lbs., deep salmon, thick, firm, sweet delicious flavor slightly musky, very small seed cavity.

Burpee F₁ Hybrid. 82 days. The heavily netted fruits are distinctly ribbed, round to slightly oval, average 7 in. long, 6 in. across and weigh 4-4½ lbs. Flesh is deep orange, thick, firm, juicy and of the most delicious flavor. Vines are vigorous growing and produce good early yields of large fruited melons.

Above 2, each: 1/16 oz.....\$1.00 ⅛ oz.....\$1.90 ¼ oz.....\$3.75 1 oz.....\$13.50

Note: Most suitable soil for melons is a rich, warm, sandy loam. As hand pollinated hybrid seed is very expensive to produce, we suggest you use only 5 to 7 seeds per group, allowing 2 to 3 in. between seeds and cover with 1 in. fine soil. The groups should be spaced 4 to 6 ft. apart each way. Thin to 2 or 3 plants to a group.

Hale's Best Jumbo. 85 days. Thick, deep salmon flesh; large fruits; very popular variety.

Honey Rock. 85 days. Sweet, orange flesh of the finest flavor. Fusarium resistant.

Iroquois. 90 days. A fusarium wilt resistant medium sized very high quality melon. Salmon colored flesh that is very sweet. Fine for either market or home growing.

Pride of Wisconsin. 85 days. Popular thick, orange-fleshed. Nearly round, 6½ in. through, hard skin.

Above 4, each: ½ oz.....20c 1 oz.....30c 4 oz.....\$1.10 1 lb.....\$3.50

WATERMELON

F₁ Hybrid "Early Midget". 80 days. The ideal Ice Box size watermelon; uniform, dark green in color, of excellent quality, crisp red flesh with black seeds, and it has the thick skin necessary for good shipping qualities. The shape is round to slightly oblong and the average weight of the fruit is 6 lbs. ½ oz.....**75c** ¼ oz.....**\$1.25** 1 oz.....**\$4.00** 4 oz.....**\$13.00**

F₁ Hybrid "Dixie Queen". 85 days. A true F₁ hybrid that has the characteristics of the regular Dixie Queen only the melons are larger and sweeter. Light green skin alternately striped with dark green, rind thin, tough, dark pink flesh with few small seeds. Excellent for either market or home growing. ½ oz.....**75c** ¼ oz.....**\$1.25** 1 oz.....**\$4.00** 4 oz.....**\$13.00**

Kleckley's Sweet Improved. 92 days. (Blight Resistant). Large oblong fruits, 22 inches, dark skin, thick flesh, blood red; small, white seed.

New Hampshire Midget. 78 days. A small very early melon that is sweet and red fleshed, thin rind, fine for home gardens.

Rhode Island Red. A new excellent ice box type of watermelon. Flesh is a bright red and the sugar content is very high.

Above 3, each: ½ oz.....**20c** 1 oz.....**30c** 4 oz.....**\$1.00** 1 lb.....**\$3.50**

ONION

F₁ Hybrid "Early Harvest". (U.S.D.A.). Primarily used for early harvest. Matures from direct seeding at about the same time as standard varieties grown from sets. A medium to large sized bulb, globe to deep globe shape, skins are light yellow, flesh relatively mild, soft — not intended for storage.

F₁ Hybrid "Saticoy". 97 days. 5 to 7 days earlier than Early Harvest. Bulbs are globe-shaped, scales yellowish brown. Performs well when grown from transplants — not recommended for long storage.

Prices above 2, each: ½ oz.....**75c** 1 oz.....**\$1.40** 4 oz.....**\$4.20** 1 lb.....**\$12.50**

Prizetaker. Golden brown skin, white flesh. ½ oz.....**40c** 1 oz.....**70c** 4 oz.....**\$2.25**

Sweet Spanish, Utah Strain. Yellow skin, globe-shaped, quite mild, sweet flesh.

White Sweet Spanish. Same as Yellow Sweet Spanish, except skin is white.

Yellow Bermuda. Standard early. Flat, straw colored, small tops.

Above 3, each: ½ oz.....**40c** 1 oz.....**70c** 4 oz.....**\$2.25** 1 lb.....**\$6.90**

Yellow Globe Danvers. Globe-shaped. White flesh. ½ oz.....**30c** 1 oz.....**60c** 4 oz.....**\$1.90**

Evergreen Long White Bunching. Does not form bulbs. ½ oz.....**25c** 1 oz.....**40c** 4 oz.....**\$1.25**

White Portugal or Silverskin. Fine for sets, pickling, bunching and mature onions.

½ oz.....**30c** 1 oz.....**50c** 4 oz.....**\$1.30** 1 lb.....**\$4.00**

PARSLEY

Champion Moss Curled. 70 days. Closely curled, compact, dark green, very productive.

1 oz.....**25c** 4 oz.....**80c** 1 lb.....**\$2.25**

Hamburg Rooted. 90 days. Root 8-10 in. long, parsnip like, used for flavoring. Plain leaves, deeply cut, hollow stem. 1 oz.....**25c** 4 oz.....**75c** 1 lb.....**\$2.00**

PARSNIP

Champion Hollow Crown. Long, smooth, tender and sugary. 1 oz.....**25c** 4 oz.....**60c** 1 lb.....**\$1.80**

PEAS

½ lb. 1 lb. 2 lbs. 5 lbs.

Laxton's Progress. 62 days. Extra early variety.....**\$0.45** **\$0.80** **\$1.40** **\$3.00**

Little Marvel. 64 days. The most satisfactory pea in the average home garden. Very productive, hardy, luscious and sugary..... **.45** **.80** **1.40** **3.00**

PUMPKIN

Large Connecticut Field. 110 days.....1 oz.....**25c** 4 oz.....**75c** 1 lb.....**\$2.25**

Small Sugar Pie. 110 days.....1 oz.....**25c** 4 oz.....**75c** 1 lb.....**\$2.25**

RADISH

Cherry Belle. 23 days. Excellent variety for bunching or packaging, widely grown for greenhouse and frame forcing or outdoor use. Round and firm and very crisp, extra short tops.

1 oz.....**20c** 4 oz.....**50c** 1 lb.....**\$1.50**

Crimson Giant. 28 days. Roots large, globular, 1½ in. through, firm white flesh.

Early Scarlet Globe (Short Top). 23 days. Greenhouse forcing variety.

Early Scarlet Globe (Medium Top). 23 days. Best for outdoors.

Icicle. 27 days. Root 5½ in. long, tapering to point. Clear white flesh, brittle.

White Strasburg. 40 days. Summer Radish, Roots 5 in. long, tapering and smooth.

Long Black Spanish. 58 days. **Winter Radish.** Black skin, white flesh.

Above 6, each: 1 oz.....**20c** 4 oz.....**45c** 1 lb.....**\$1.35**

PEPPER

- All Big (Illinois F-5).** 65 days. Early. For market and home gardens. Fruits pendant dark green 3 and 4 lobed, medium thick walls. ½ oz.....**60c** 1 oz.....**\$1.00** 4 oz.....**\$3.50**
- California Wonder.** 75 days. Excellent Sweet Pepper. Heavy producer. Thick flesh. Dark green fruit changing to scarlet when mature. ½ oz.....**45c** 1 oz.....**80c** 4 oz.....**\$2.70** 1 lb.....**\$8.20**
- Early California Wonder.** 70 days. Same as California Wonder but this variety sets fruit earlier. ½ oz.....**50c** 1 oz.....**90c** 4 oz.....**\$2.95** 1 lb.....**\$8.75**
- Cayenne, Long Red.** 70 days. **Hot.** For pickles, canning or drying. ½ oz., **45c**; 1 oz., **80c**; 4 oz., **\$2.70**
- Chinese Giant.** 80 days. Fine large sweet variety. ½ oz.....**50c** 1 oz.....**90c** 4 oz.....**\$3.25**
- Cubanelle.** 68 days. **Larger, Smoother Frying Type.** Larger and smoother than Italianelle. Fruit, 6 inches is tapered, pointed and somewhat roughened with a bright yellow-green color and a delicious pungent flavor. ¼ oz.....**45c** ½ oz.....**85c** 1 oz.....**\$1.50**
- Hungarian Sweet (Sweet Banana).** 68 days. Tapering, 6½ in. long. ½ oz., **50c**; 1 oz., **95c**; 4 oz., **\$3.00**
- Hungarian Yellow Wax.** **Hot.** 68 days. Same as sweet, but hot. ½ oz., **50c**; 1 oz., **90c**; 4 oz., **\$3.00**
- Italianelle.** 62 days. Very early and a heavy yielder of thin-fleshed fruit of the type much used for frying. Fruit has a rather roughened shape, tapered and pointed and has a distinctive sweet, sharp flavor. Green fruit, but ripens to a beautiful red. ¼ oz., **40c**; ½ oz., **75c**; 1 oz., **\$1.35**
- Keystone Resistant Giant.** Mosaic Resistant. 80 days. Produces large, heavy fruit of blocky shape, even under difficult conditions. Big thick-meated peppers of superior type and quality. Deep green color ripens in longer seasons to bright red. Slightly taller vines than Yolo Wonder. ¼ oz.....**35c** ½ oz.....**65c** 1 oz.....**\$1.15** 4 oz.....**\$3.25**
- King of the North, Ruby King.** 68 days. Sweet fruit 4½ by 3 inches, 3-lobed, tapered, smooth, deep green turning to red. Very productive. ½ oz.....**45c** 1 oz.....**80c** 4 oz.....**\$3.00** 1 lb.....**\$9.00**
- Large Red Cherry Hot.** 80 days. Fruits are nearly round, 1 to 1¼ inches in diameter. Very productive. ½ oz.....**50c** 1 oz.....**90c** 4 oz.....**\$2.75**
- Merrimac Wonder.** Mild. Recommended where growing season is short. ½ oz.....**50c** 1 oz.....**90c**
- Pimento Perfection.** 73 days. Standard sweet variety for home and market. Heart-shaped, smooth fruit 3½ by 2½ inches. ¼ oz.....**40c** 1 oz.....**75c** 4 oz.....**\$2.90** 1 lb.....**\$9.00**
- Red Chili.** **Hot.** 82 days. Very pungent fruit, 2 by 2½ inches, borne upright. Very productive. Plants are low, spreading. ½ oz.....**45c** 1 oz.....**85c** 4 oz.....**\$3.00**
- Roumanian Block Type Mild.** 65 days. A large-fruited early yellow pepper. Fruits are 4½ inches long and 3 inches in diameter; flesh is sweet but the ribs have some hotness. A very heavy yielder. ¼ oz.....**50c** ½ oz.....**95c** 1 oz.....**\$1.60** 4 oz.....**\$5.75**
- Sunnybrook or Cheese.** 70 days. Sweet. Called a squash or tomato pepper due to its shape, deep green fruit turning early to scarlet-red. ½ oz.....**60c** 1 oz.....**\$1.00** 4 oz.....**\$3.75**
- Sweet Bullnose (Sweet Mountain).** 65 days. Excellent mild-fleshed variety. ½ oz.....**40c** 1 oz.....**70c** 4 oz.....**\$2.50** 1 lb.....**\$3.20**
- Sweet Cherry.** Smooth skin and thick-meated sweet flesh-shaped like cherries but of good size. Nice for salads, canning or pickling, can be used in the green stage or in the ripe stage which is red. ½ oz.....**50c** 1 oz.....**95c** 4 oz.....**\$3.30**
- Vinedale.** 62 days. Sweet. Extra early, best for northern climates. Thick-fleshed fruit, somewhat tapered. ½ oz.....**65c** 1 oz.....**\$1.25** 4 oz.....**\$4.00** 1 lb.....**\$12.00**
- World Beater No. 13.** 70 days. Mosaic resistant. Sweet, thick-fleshed green fruit, 5 by 3½ inches, mostly 4-lobed. Smooth. ½ oz.....**50c** 1 oz.....**90c** 4 oz.....**\$2.95** 1 lb.....**\$8.75**
- Yolo Wonder.** 70 days. Sweet. Mosaic resistant. An excellent California Wonder type variety. ½ oz.....**50c** 1 oz.....**90c** 4 oz.....**\$2.95** 1 lb.....**\$8.75**

SWISS CHARD

- Lucullus.** 52 days. Most popular type; about 20 in. tall, yellowish green leaves, heavily crumpled. Wide with broad white ribs. 1 oz.....**25c** 4 oz.....**65c** 1 lb.....**\$2.00**

SQUASH

Approximately 380 seeds per oz. One ounce for 25 hills, 4 foot apart in the row.

- BLACKINI F₁ Hybrid.** Attractive dark green Zucchini type. Ready in 50 days; ideal picking stage is when the cylindrical fruits are 6 to 8 in. long. Flavor and texture is excellent when boiled, baked or fried. ½ oz.....**45c** 1 oz.....**80c** 4 oz.....**\$2.75** 1 lb.....**\$8.00**
- GREYZINI F₁ Hybrid.** (All America Bronze Medal Winner). A Grey Zucchini bush type, very productive. Longer fruit than regular Grey Zucchini of a bright attractive color, tender skin and of delicious flavor. A week earlier than Grey Zucchini and bearing fruit several weeks longer. ½ oz.....**50c** 1 oz.....**95c** 4 oz.....**\$3.00** 1 lb.....**\$9.00**
- HERCULES.** (All America Silver Medal Winner). An improved Butternut type, larger and with a thicker, straight solid neck. Highly productive and is almost all solid flesh of fine texture and top flavor. ½ oz.....**50c** 1 oz.....**90c** 4 oz.....**\$2.40** 1 lb.....**\$7.00**
- Buttercup.** 100 days. Winter Squash. Fruit 4½x6½ in., thin skin, dark green with narrow grey stripes or mottlings, orange flesh. The smoothest, best flavored squash yet produced.
- Butternut.** 100 days. Winter Squash. Spreads like butter without any sign of stringiness, when baked. Skin is a dull yellow; a long, thick neck ends in a bulge in which lie all the seed.
- Hubbard Chicago Warted.** 100 days. Fruit 13 by 9 in. dark green, orange flesh.
- Table Queen or Acorn.** 85 days. Winter Squash. Fruit 5x4 in., thick, deeply ribbed, dark green skin and thick orange flesh that cooks dry and sweet. Good keeper.
- Prolific Straightneck.** 55 days. Summer Squash. Fruit 14x3 in., straight, lemon yellow slightly rough.
- Prices above 5, each: 1 oz.....**30c** 4 oz.....**\$1.00** 1 lb.....**\$3.25**

F₁ HYBRID TOMATOES

***Wonder Boy Hybrid.** A new F₁ mid-season hybrid Tomato with extra large, round, firm, meaty fruit of excellent flavor and quality. Very productive.

***Burpee Big Boy Hybrid.** We believe this the finest Hybrid Tomato in existence. Bred for highest quality, fruit, yield and earliness.

***Burpee Big Early Hybrid.** An excellent, very early, large fruited, red Tomato for the home garden and market gardener.

Prices above 3, each. Tr. Pkt.....	\$1.00	1/16 oz.....	\$2.50	1/8 oz.....	\$4.50
1/4 oz.....	\$8.50	1/2 oz.....	\$16.00	1 oz.....	\$30.00
				4 oz.....	\$98.00

***Early Giant Hybrid.** Largest early hybrid. High yield and excellent quality.

***Giant King Hybrid.** A giant size mid-season hybrid, about 2 weeks later than Early Giant. An excellent producer of fine solid red, 7 1/2 ounce fruits.

Prices above 2, each: Tr. Pkt.....	\$1.00	1/16 oz.....	\$2.00	1/8 oz.....	\$3.75
1/4 oz.....	\$7.00	1/2 oz.....	\$12.75	1 oz.....	\$25.00

***Burpee Hybrid.** An excellent all-purpose main crop Tomato producing a high yield of firm, thick-walled fruit that average 8 oz. in weight. They are deep globular in shape, holding the vine well. Maturing 70 days after the plants are set, this is the most widely adapted of all hybrids, and an excellent cropper.

***Burpeeana Early Hybrid.** An extra early Tomato, maturing 58 days after plant setting. Fruits in clusters of from 5-8 throughout the season average 5 oz. Excellent quality, rich scarlet skin, and firm meaty flesh. An early home and market garden variety.

Prices above 2, each: Tr. Pkt.....	75c	1/16 oz.....	\$1.50	1/8 oz.....	\$3.00
1/4 oz.....	\$5.50	1/2 oz.....	\$10.00	1 oz.....	\$19.00

***PA 103 Hybrid.** 70 days. Red fruited, averaging 5 ounces. Has high resistant to cracking and also very resistant to fusarium wilt, gray leaf spot and early blight. Well adapted to the East, Central, South and Southwestern U.S.

Tr. Pkt.....	75c	1/16 oz.....	\$1.75	1/8 oz.....	\$3.25	1/4 oz.....	\$6.00	1/2 oz.....	\$11.00	1 oz.....	\$20.50
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***Tuckcross O. Forcing Hybrid.** A large, red fruited early forcing type, very productive and sets fruit well under adverse conditions. Globe-shaped fruit average 5-7 ounces, very meaty with a mild flavor. Highly disease resistant. Very well adapted to growing in plastic houses.

1/32 oz.....	\$1.50	1/16 oz.....	\$3.00	1/8 oz.....	\$5.00	1/4 oz.....	\$8.50	1 oz.....	\$30.00
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CERTIFIED VARIETIES:

	1/2 oz.	1 oz.	4 oz.
Garden State Certified. 83 days. Very prolific, bearing deep scarlet red fruit that are extra smooth and solid. Similar to Greater Baltimore.....	\$0.50	\$0.90	\$3.00
Marglobe Certified. 76 days. Red.....	.50	.90	3.00
Rutgers Certified. Same as regular, but State certified.....	.45	.85	2.90
Stokesdale Certified. 73 days. Red globe-shaped fruit, good canner.....	.45	.85	2.90
Valiant Certified. 70 days. A deep Marglobe type of Tomato, having large, smooth red fruits with a few seed and firm solid flesh.....	.45	.85	2.90
* Queens Certified. A new red selected from Valiant and Rutgers, cross combining early maturity with heavy yield.....	.50	.90	3.00

REGULAR VARIETIES:

	1/2 oz.	1 oz.	4 oz.
Beauty. 82 days. Medium large plant, vigorous, prolific, fruit pink, medium large.....	\$0.45	\$0.85	\$3.00
Bonny Best. 73 days. Fine for all purposes.....	.40	.75	2.65
Bounty. 65 days. Medium large, round to globe-shaped red fruit. Heavy producer.....	.45	.85	3.00
Break O'Day. 73 days. Wilt-Resistant. Globe-shaped fruit. Fine producer.....	.45	.85	3.00
Caro-Red. 75 days. Orange-red Rutgers type, contains 10 times more Vitamin A than other Tomatoes. Fine, distinctive flavor.....	.80	1.50	5.00
Crimson Cushion (Beefsteak). 90 days. A large wilt resistant sort. Fruits large, round, bright scarlet; solid; very prolific.....	.60	1.15	4.00
Dwarf Champion. 86 days. Tree type bush. Medium size, solid pink fruit....	.40	.80	2.90
Dwarf Stone. 81 days. Strictly dwarf, tree-like bright red fruits.....	.45	.85	3.00
Earliana Select. 64 days. Medium size, deep scarlet, firm and smooth.....	.50	.90	2.95
Early Detroit. 78 days. Medium large, smooth, pink fruit.....	.45	.80	2.90
Fireball. Fleshy and mild red fruit; extra early and very productive, short vines. Can be planted 1 1/2 ft. apart in the row.....	.65	1.25	4.50
Firesteel. 68 days. Red fruit, medium size, sure setting. Best under drouth conditions. Medium small vine.....	.45	.85	3.00
Giant Tree or Italian Potato Leaved. 88 days. The finest large Tomato. The vines, trained on stakes, tower 7 or more feet high..... 1/4 oz., 90c	\$1.75	\$3.00	\$10.00
Glamour. 80 days. Red fruit, almost globe-shaped, solid and crack resistant.....	.50	.95	3.25

	½ oz.	1 oz.	4 oz.
Golden Queen. 83 days. Large yellow fruit, mild flavor.....	\$0.45	\$0.85	\$3.00
Greater Baltimore, Indiana Strain. 82 days. Large, solid red fruit.....	.35	.65	2.25
Italian Canner. Red plum-shaped. For canning whole, paste and dehydration	.60	1.00	3.80
John Baer. Standard second early variety, medium size red.....	.40	.80	2.90
Jubilee. Orange; non-acid, solid, smooth, sweet.....	.50	.95	3.30
Livingston's Globe. Large purplish-pink fruit; smooth and solid.....	.45	.85	3.00
MANALUCIE. 90 days. Wilt and blight resistant scarlet. Large globe-shape; crack proof	.50	1.00	3.15
Marglobe. Red fruit; smooth and solid. Resistant to blight.....	.45	.80	2.90
Matchless. One of the very best large-fruited maincrop varieties.....	.45	.80	2.90
Ontario. 72 days. A cross of Bison and Rutgers. It has the Rutgers vine characteristics. Large, red fruit and quite free from cracks.....	.45	.90	3.25
Oxheart. 90 days. Extra large, heart-shaped pink fruit, few seeds, mild flavor. Fine variety. Non-Acid.....	.70	1.25	4.50
Pinkshipper. 80 days. (U.S.D.A.) Best commercial pink.....	.60	1.10	3.65
Ponderosa. 88 days Large, purplish pink fruit, mild flavor.....	.60	1.15	3.90
Ponderosa Red. Large, red fruit, mild flavor.....	.65	1.20	4.00
Ponderosa Yellow. Mild flavor.....	.65	1.20	4.00
Pritchard. (Scarlet Topper). 75 days. Wilt Resistant. Solid fruit, heavy yielder, second early.....	.45	.85	3.00
F₂ Prize Red. 75 days. Similar to Ventura . Deep scarlet red fruit of excellent quality and flavor, smooth and firm with no hard core. Very productive.....	.80	1.55	5.90
Rutgers. Second early. Fruit bright red, globular, smooth, thick walls—firm and mild. Good canner.....	.45	.80	2.75
Stokecross No. 5. 77 days. F ₂ strain. Solid, globe-shaped fruit. Excellent for canning	.70	1.30	4.50
Stone Improved. 85 days. Plants are large and the fruit a deep scarlet red.....	.45	.85	3.00
Super Sioux. 80 days. Deep red, extra large fruit, really all meat with extremely small seed cells and very few seeds.....	.50	1.00	3.25
Urbana. 78 days. High yielding scarlet. Compact growth.....	.45	.85	3.00
Victor. 65 days. An extra early scarlet.....	.45	.85	3.00
Wisconsin No. 55. Earlier than Stokesdale or Rutgers. Red fruits which ripen evenly. Stands shipping very well.....	.60	1.10	3.60

1 lb. prices — 3 times the 4 oz. price.

SMALL FRUITED VARIETIES:

	¼ oz.	½ oz.	1 oz.	4 oz.
Red Cherry — Yellow Cherry — Red Pear — Yellow Pear.....	\$0.30	\$0.50	\$0.95	\$3.50
Red Plum^b — Yellow Plum^b — Ground Cherry.....	.30	.50	.95	3.50

TINY TIM. 13,000 S. 45 days. Grows only 8-10 inches tall and about 14 inches across. Very prolific with fine flavored fruits borne in clusters, bright red and ¾-1 inch in diameter. Sow seed late in October or early November if fruit-bearing 3½" pot plants are wanted for mid-March or early April sales. For mid-winter crop sow seed in August. Grow plants on the dry side and feed heavily with complete plant food after final shift. A night temperature of 50 to 60 degrees will be sufficient. Grow in full sunlight without pinching. For better pollination, shake the flower cluster every day. Tiny Tim crops very heavily throughout the summer if planted out after pot plant use. 1/16 oz.....30c ¼ oz.....90c 1 oz.....\$3.20

FORCING VARIETIES:

	⅛ oz.	¼ oz.	1 oz.	4 oz.
Michigan State Forcing. A red fruited disease resistant strain that performs very well in cloudy weather. Fruits average 5-6 ounces, globular, in large clusters.....	\$0.65	\$1.25	\$4.50	\$16.50
Ohio WR-3 Globe. Wilt Resistant. Pink fruited very smooth globe type developed by Ohio State Experiment Station for spring forcing	.65	1.25	4.50	16.50
Ohio WR-7 Globe. Wilt Resistant. A little deeper globe shape than No. 3, better suited for fall forcing.....	.65	1.25	4.50	16.50
Tuckcross O Forcing. See page 75.				
WALTHAM MOLD-PROOF FORCING. An ideal forcing Tomato with 4 oz. even sized scarlet fruits. Fruit is firm and does not crack; good shippers. Early. Immune to leaf mold.....	.65	1.25	4.50	16.50

TURNIP

Purple Top, White Globe. 1 oz.....	15c	4 oz.....	40c	1 lb.....	\$1.25
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DIANTHUS "BRAVO"
(Top All-America Award Winner for 1962)



"MODESTY" Sakata's F₁ Hybrid Grandiflora Petunia



PETUNIA F1 HYBRID GRANDIFLORA "RED ENSIGN"

GERMANIA SEED COMPANY

6952 N. CALIFORNIA AVE.

CHICAGO 45, ILLINOIS

Telephone (Area Code 312) ROgers Park 4-0314